



PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:

Public Notice Number: NAN-2007-01448-EJE
Issue Date: September 12, 2008
Expiration Date: October 12, 2008

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: New York City Economic Development Corporation
110 William Street
New York, NY 10038

ACTIVITY: Waterfront development

WATERWAY: East River

LOCATION: Battery Maritime Building to Pier 35, Borough of Manhattan, New York County, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the

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PUBLIC NOTICE NO. NAN-2007-01448-EJE

permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations being conducted and will be concluded prior to the final decision.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occurs. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

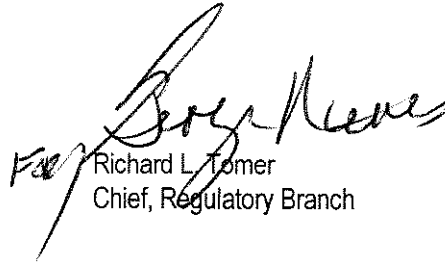
In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8420 and ask for Stacey M. Jensen.

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PUBLIC NOTICE NO. NAN-2007-01448-EJE

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>



Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, New York City Economic Development Corporation, has requested Department of the Army authorization for the construction of the East River Waterfront Esplanade and Piers Project in the East River, from the Battery Maritime Building to Pier 35, Borough of Manhattan, New York County, New York.

The work would involve:

The Archipelago: Proposed construction of an 1100-foot long by 15-foot wide pile-supported walkway with planted areas. Proposed total overwater coverage would be 30,300 square feet, with 13,880 square feet for the planted areas. The walkway would be extended into the water approximately 43 feet, and be supported by approximately 135 piles.

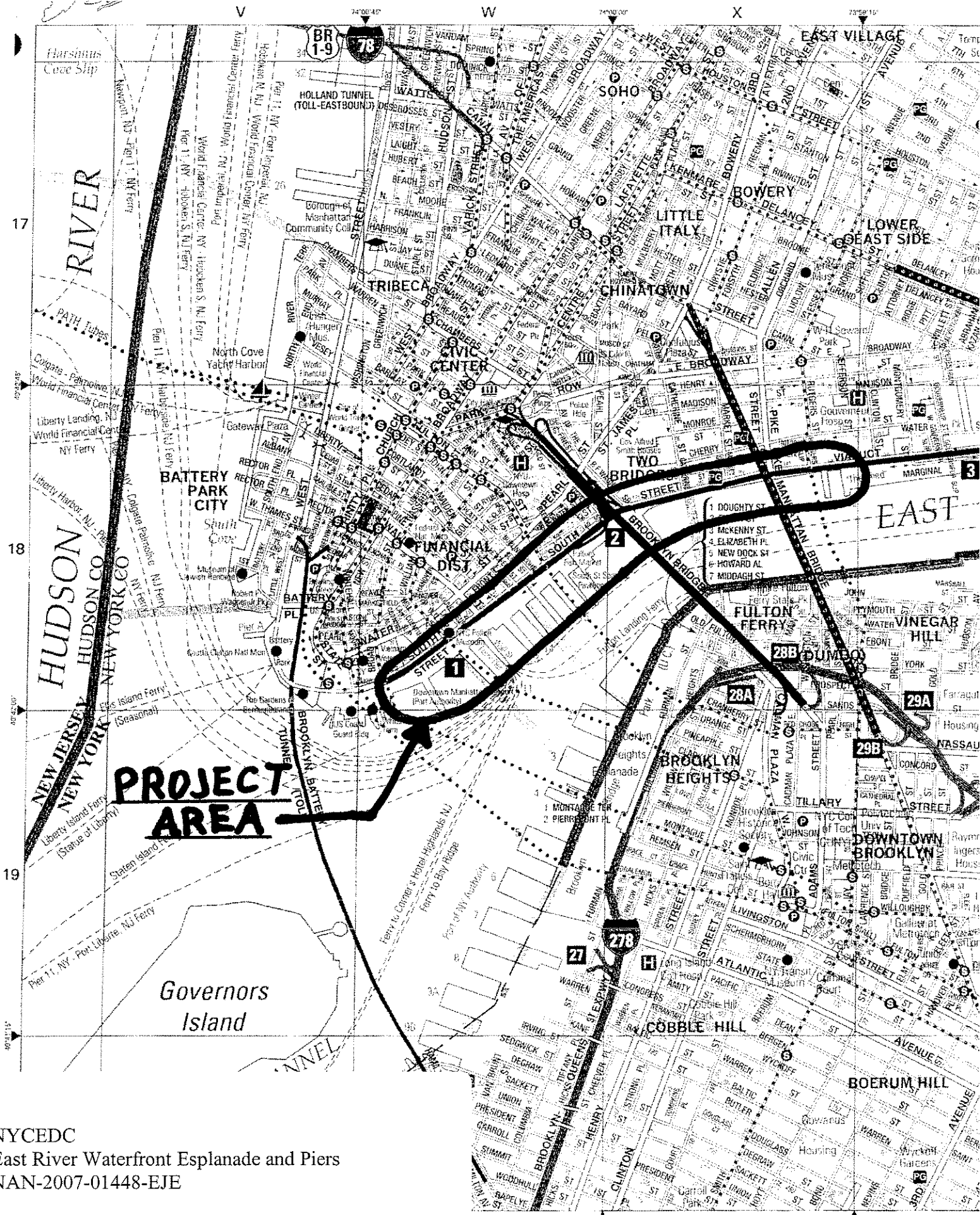
Step-Downs: Proposed construction of a new bulkhead, landward of the existing bulkhead, at these locations within the project area (Maiden Lane, Peck Slip, Rutgers Slip), and replacement of existing bulkhead with steps down to the water. The steps would be carved into the bulkhead line, a new bulkhead would be built on the landward side of the existing bulkhead, the existing bulkhead would then be removed, and steps would be placed down to the water.

Pier 14: Proposed Pier 14 demolition would occur, removing a total of 37,360 square feet of open water coverage and approximately 700 piles.

Pier 15: Proposed reconstruction of Pier 15, which was demolished in 2003, as a two-level pile-supported concrete deck with an over-water area of 514 feet by 80 feet. The lower level of the pier would have a deck area of approximately 31,425 square feet, or 39,185 square feet including the construction of the apron areas. Activities at Pier 15 would also include the docking and mooring of historic and commercial vessels, maritime education, and public access.

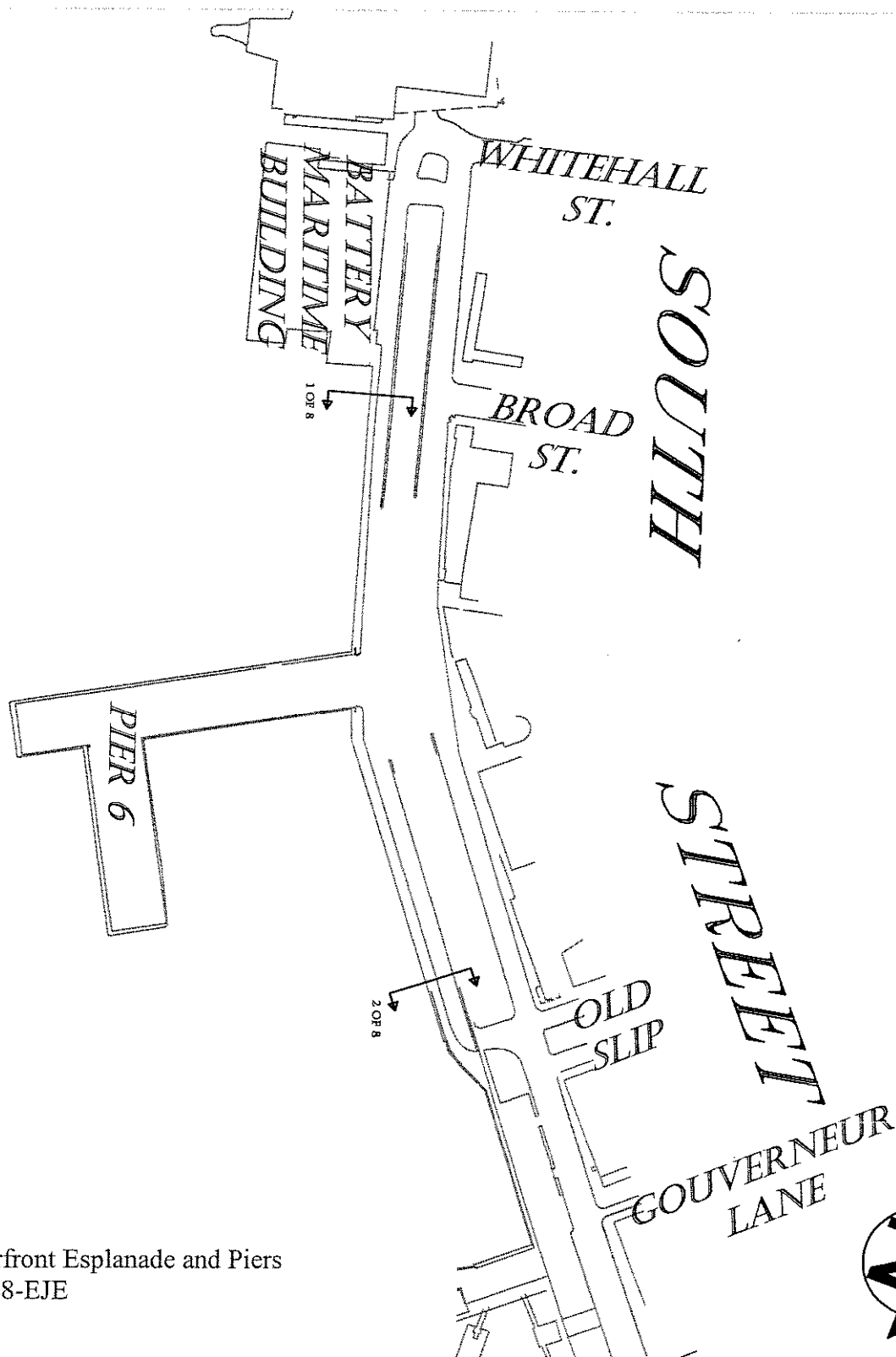
Pier 35: Proposed structural modification of the pier to support a two-story structure atop the deck. A small cut-out would be made within the deck, approximately 2,100 square feet, to be replaced with a planted area.

The stated purpose of this project is to provide waterfront development for safe recreational use.



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

EAST RIVER



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE:

EXISTING CONDITIONS KEY PLAN - 1

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS



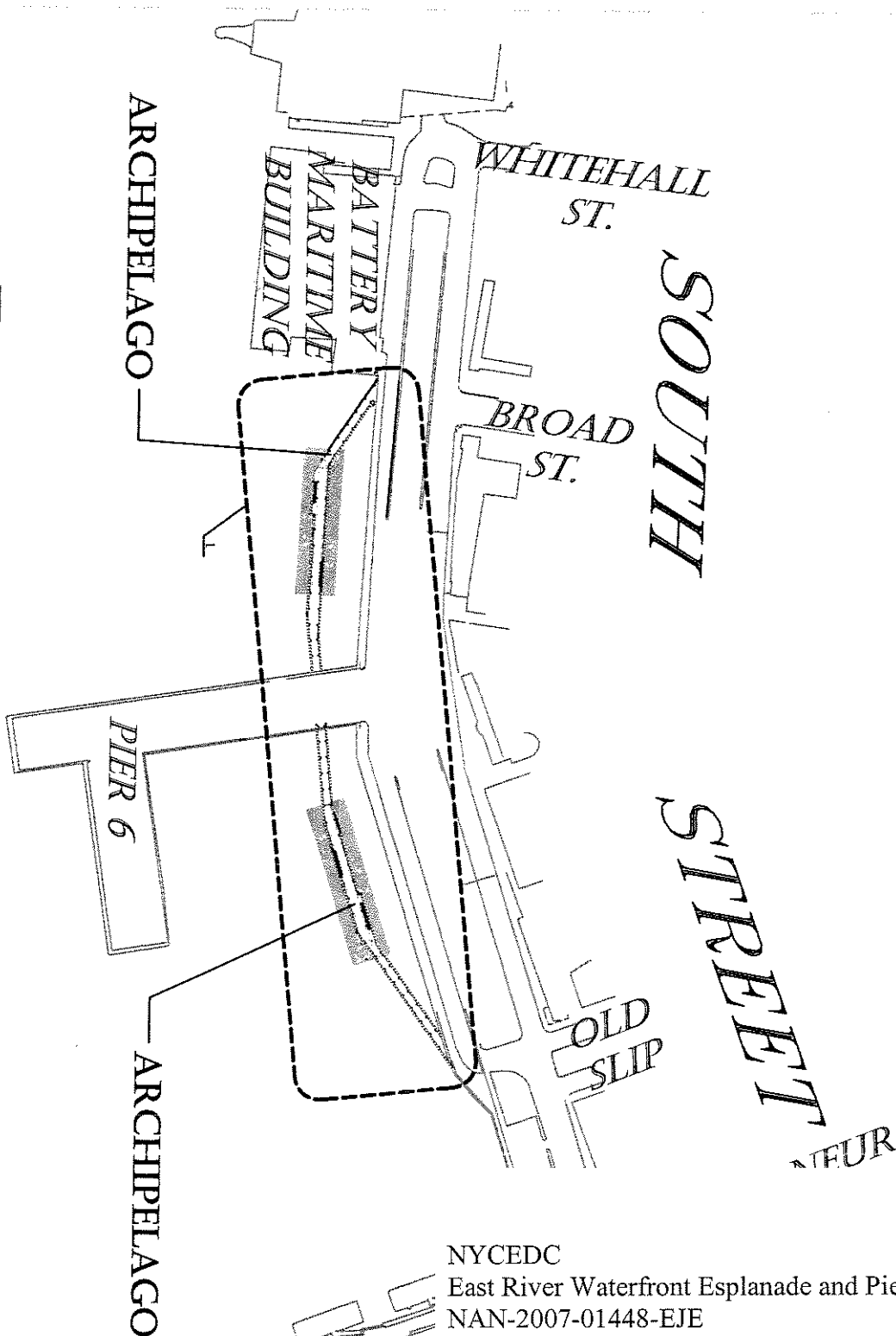
HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 1 OF 4 DATE: 9/14/07

EAST RIVER



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE:

PROPOSED DEVELOPMENT KEY PLAN - 1

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

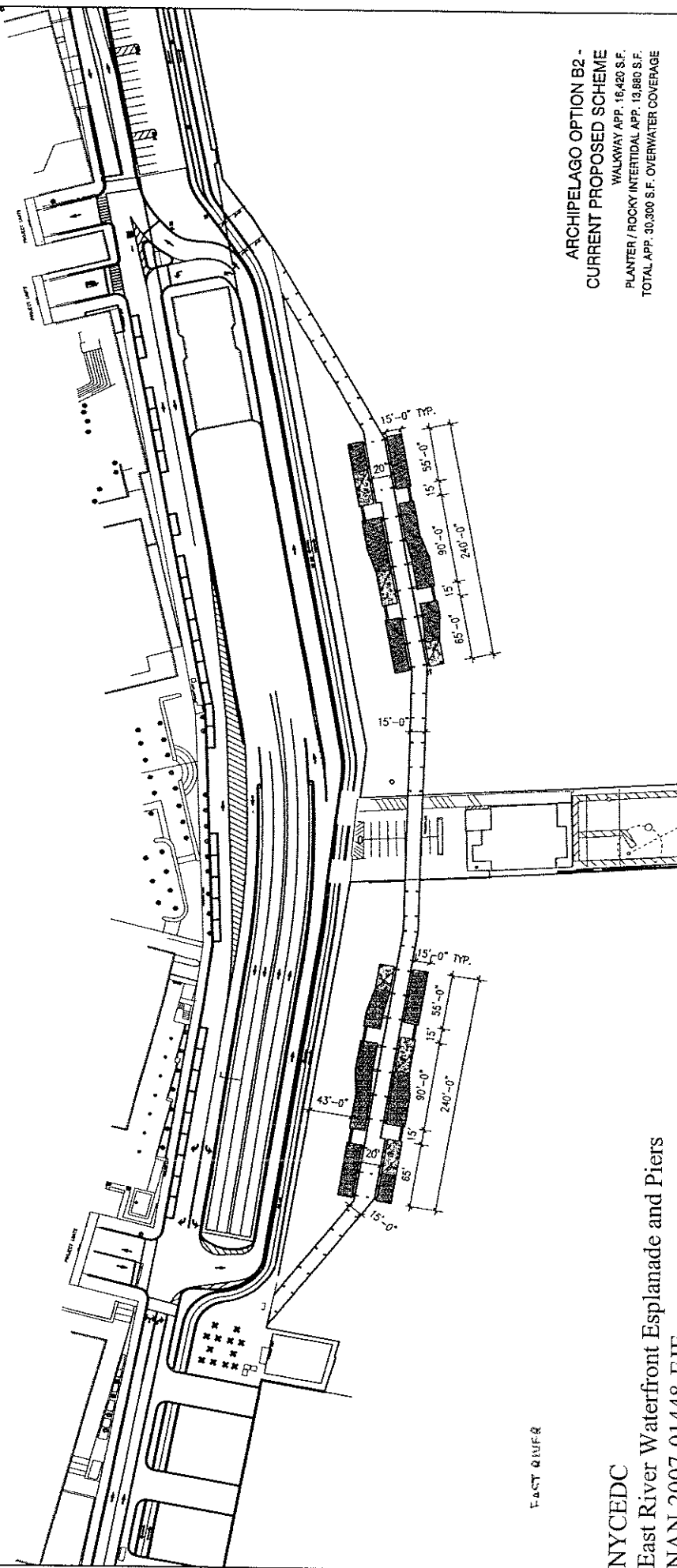


HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 1 OF 4 DATE: 9/14/07



ARCHIPELAGO OPTION B2 -
CURRENT PROPOSED SCHEME

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE: **OPTION B2 -**
CURRENT PROPOSED SCHEME
HOR -- DANIEL FRANKFURT

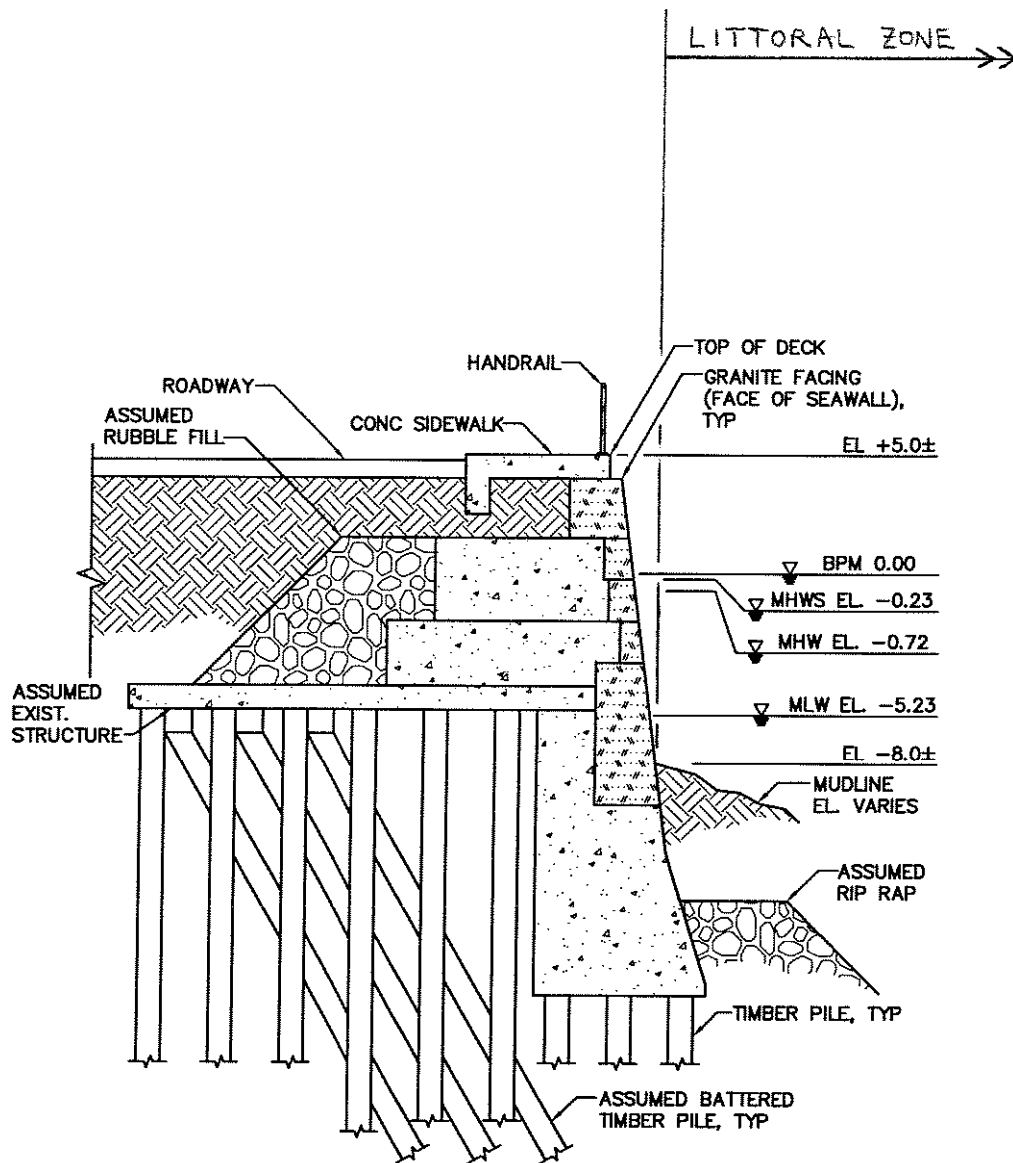
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HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

PROPOSED REHABILITATION OF EAST RIVER ESPLANADE AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 1 OF 26 DATE: 9/14/07

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

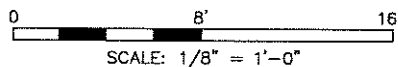


NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE:

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

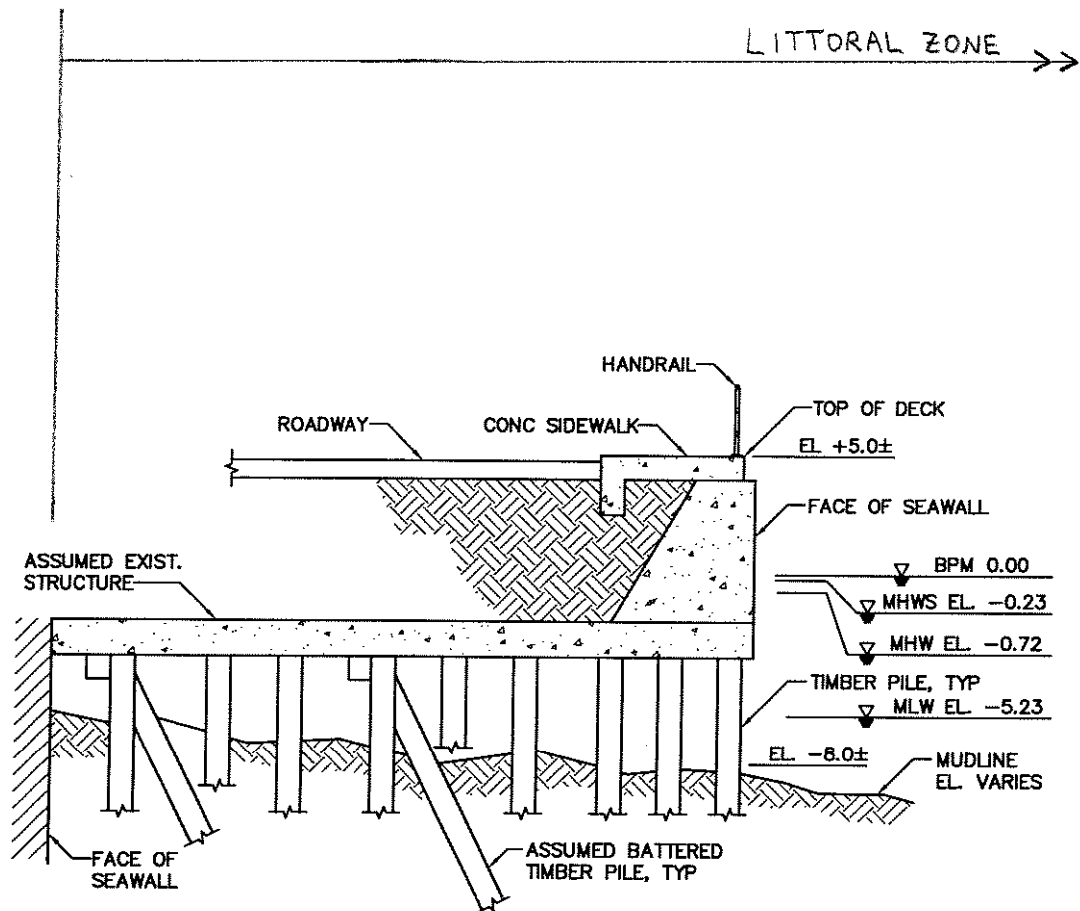


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 1 OF 8 DATE: 9/14/07



ARCHIPELAGO - EXISTING LOW LEVEL RELIEVING PLATFORM

1/8" = 1'-0"

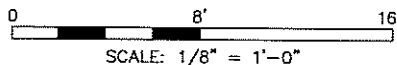
NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE:

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

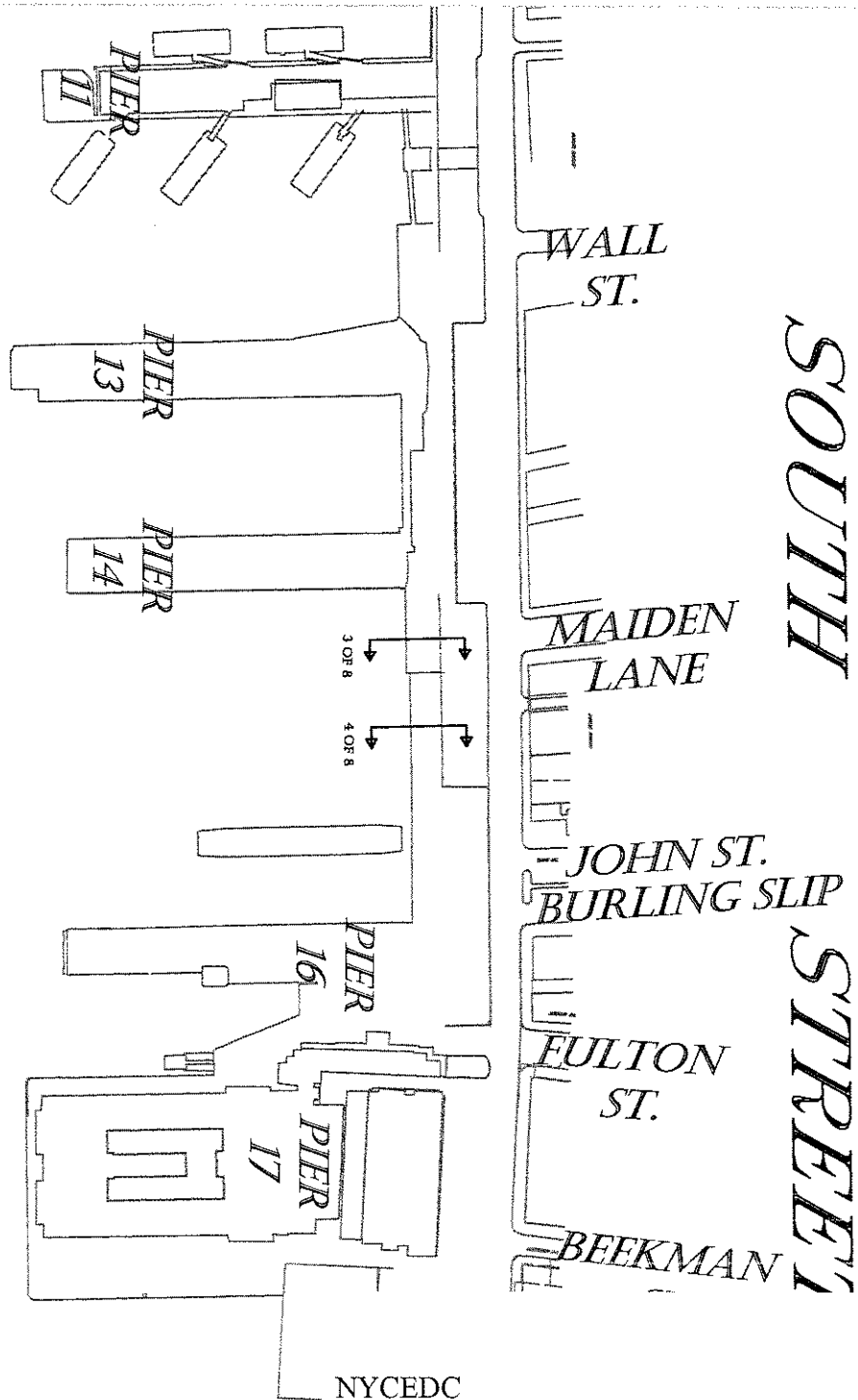


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 2 OF 8 DATE: 9/14/07

EAST RIVER



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE:

EXISTING CONDITIONS KEY PLAN - 2

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



NO SCALE

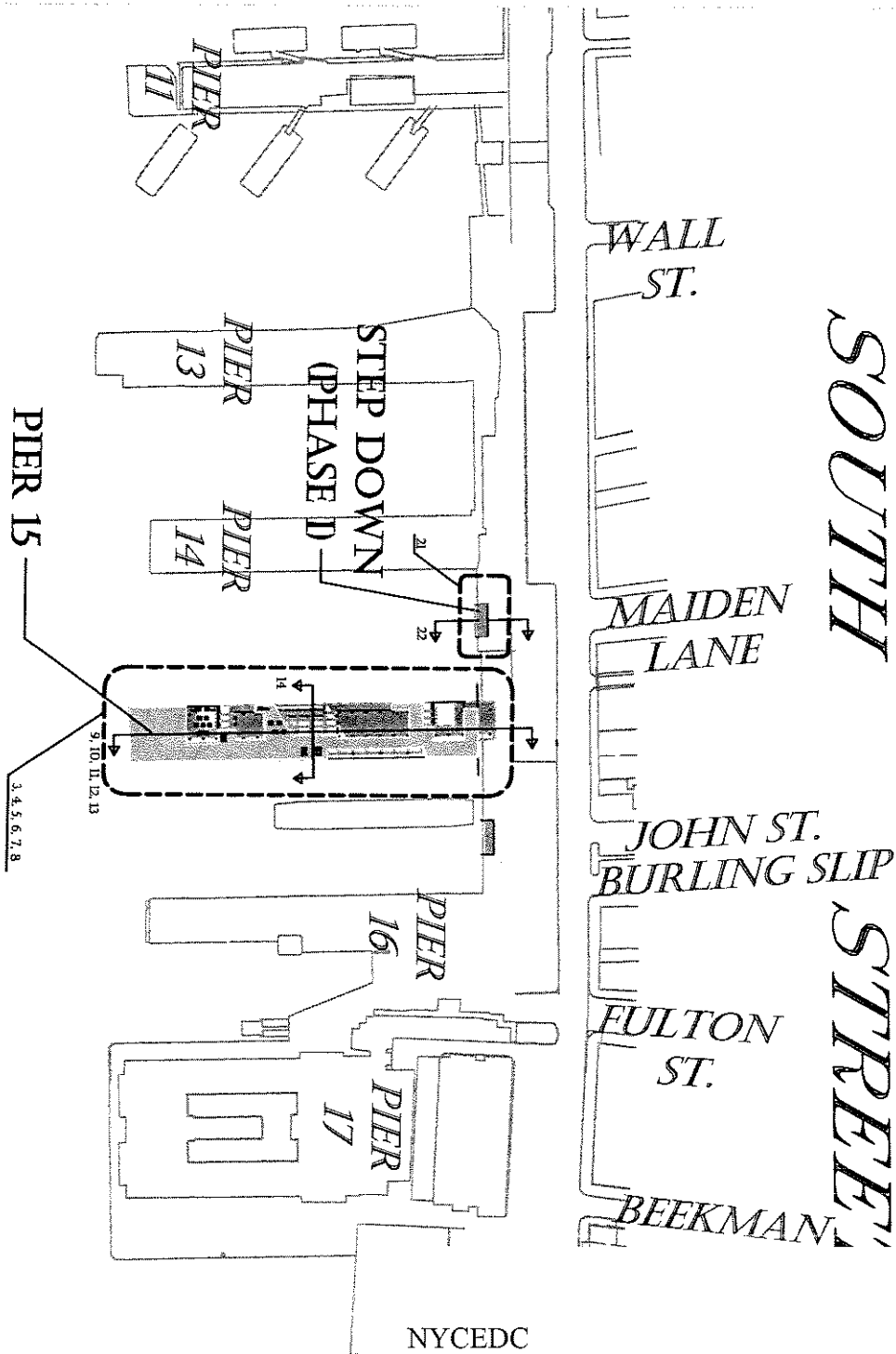
APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 2 OF 4 DATE: 9/14/07

EAST RIVER



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE:

PROPOSED DEVELOPMENT KEY PLAN - 2

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS



NO SCALE

HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

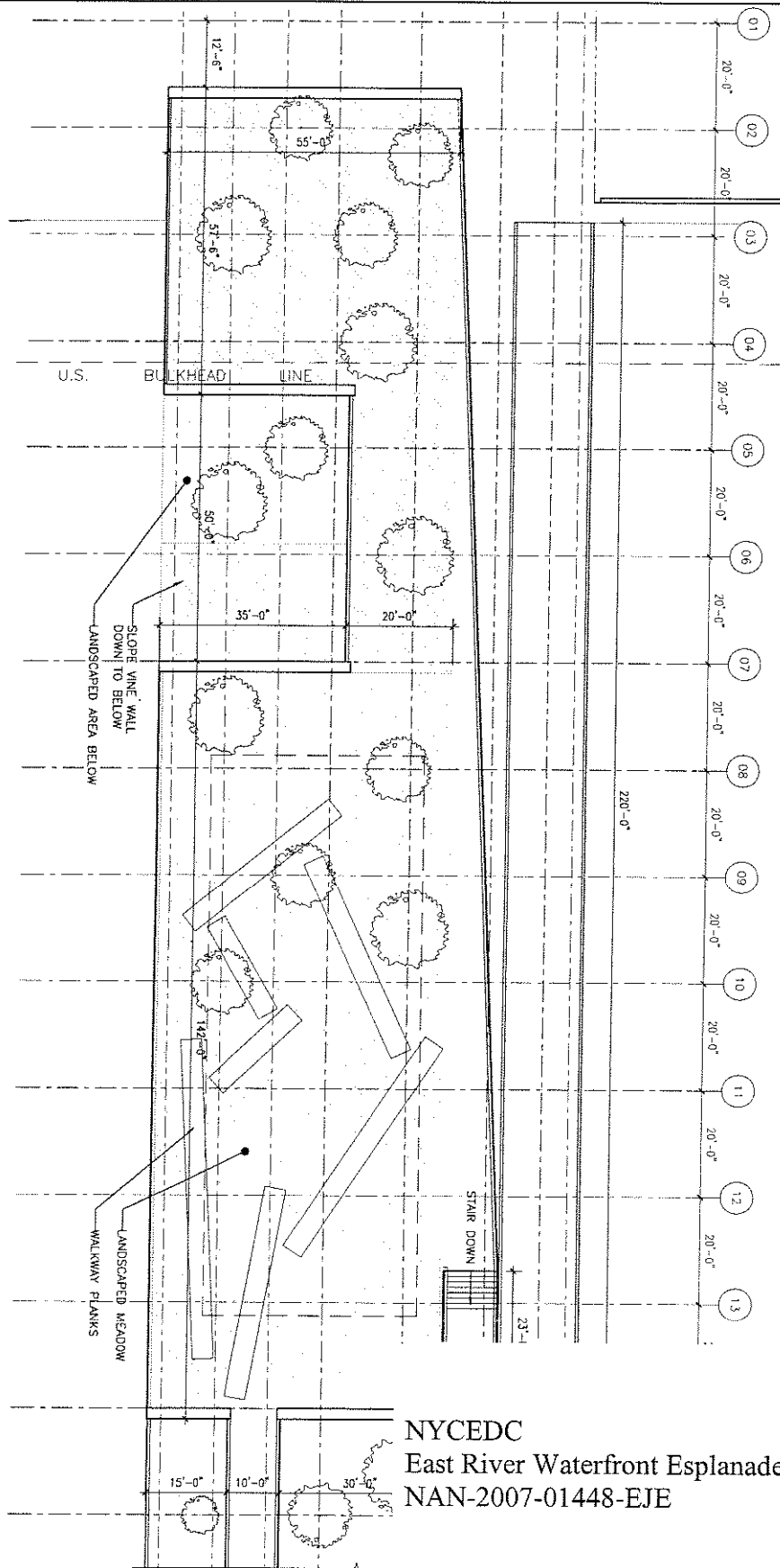
APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 2 OF 4 DATE: 9/14/07

PROPOSED PIER 15 PLAN - UPPER LEVEL
1/32" = 1'-0"

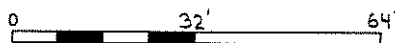
EAST RIVER
FLOOD
EBB



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE: RECONSTRUCTION OF PIER 15

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



SCALE: 1/32" = 1'-0"

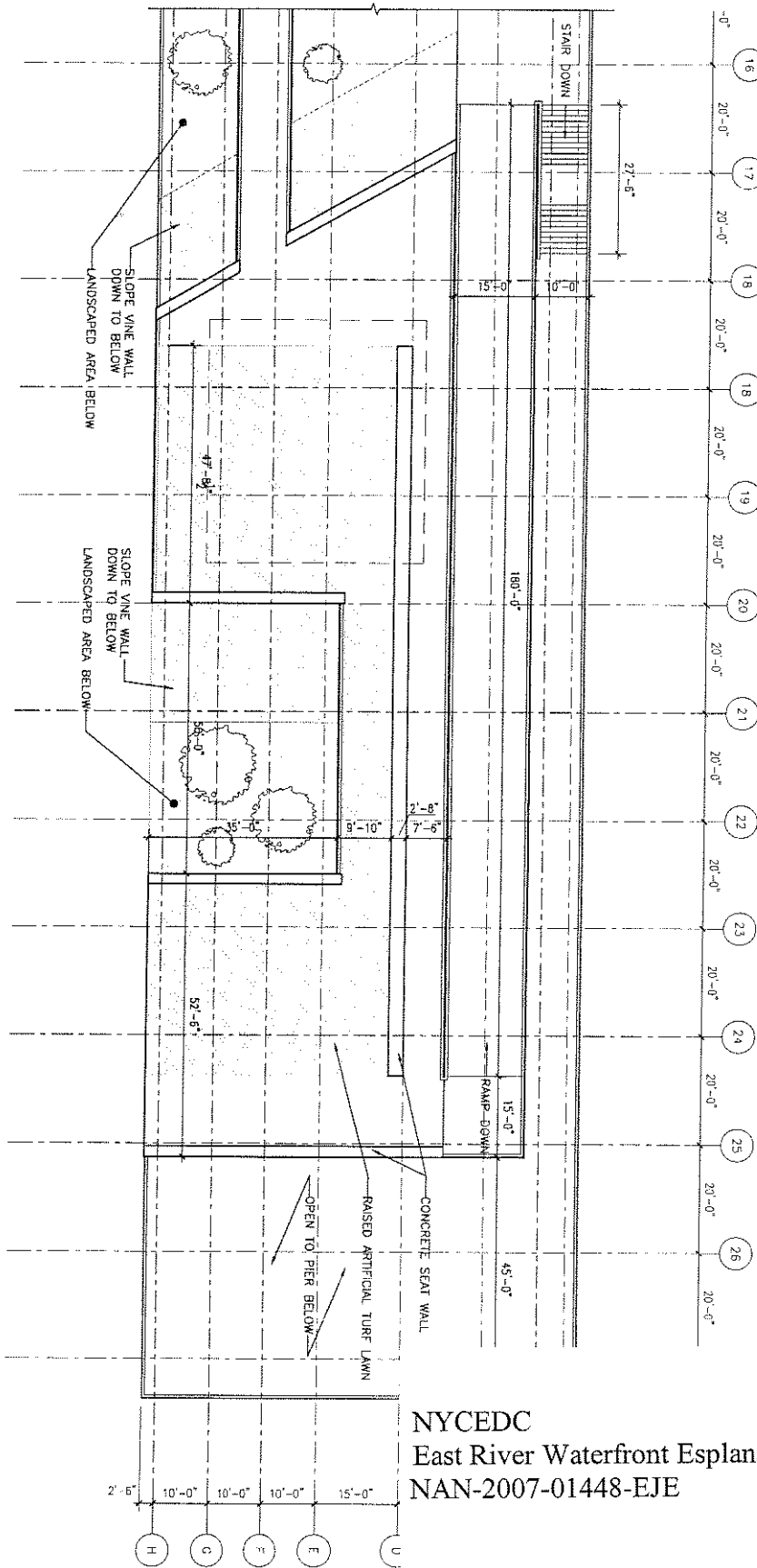
APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 3 OF 26 DATE: 9/14/07

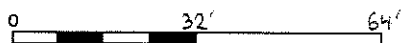
PROPOSED PIER 15 PLAN - UPPER LEVEL
1/32" = 1'-0"



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE: RECONSTRUCTION OF PIER 15

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



SCALE: 1/32" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

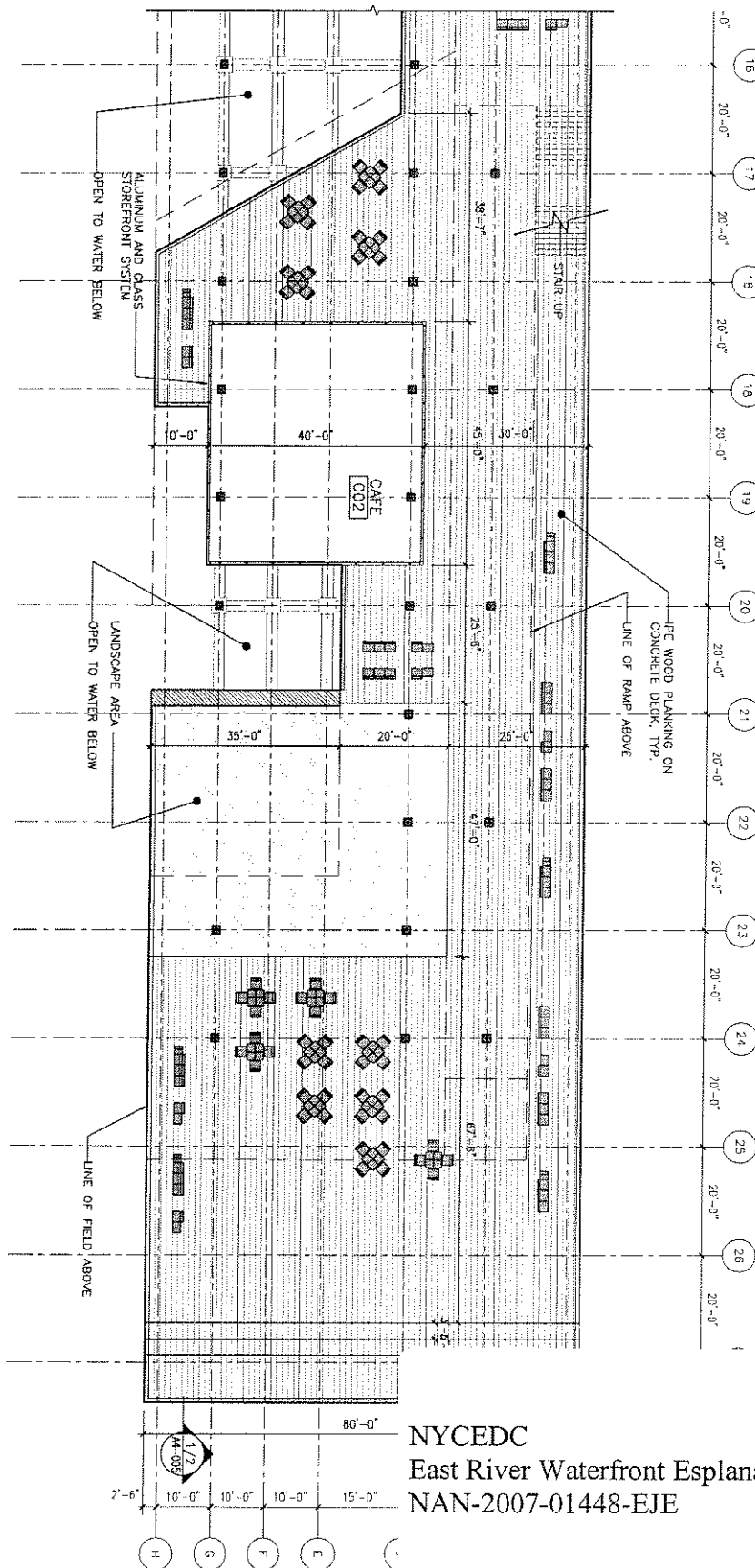
SHEET 4 OF 26 DATE: 9/14/07



SHEET 5 OF 26 DATE: 9/14/07

PROPOSED PIER 15 PLAN - LOWER LEVEL
1/32" = 1'-0"

EAST RIVER
FLOOD
EBB



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE: RECONSTRUCTION OF PIER 15

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

0 32' 64'

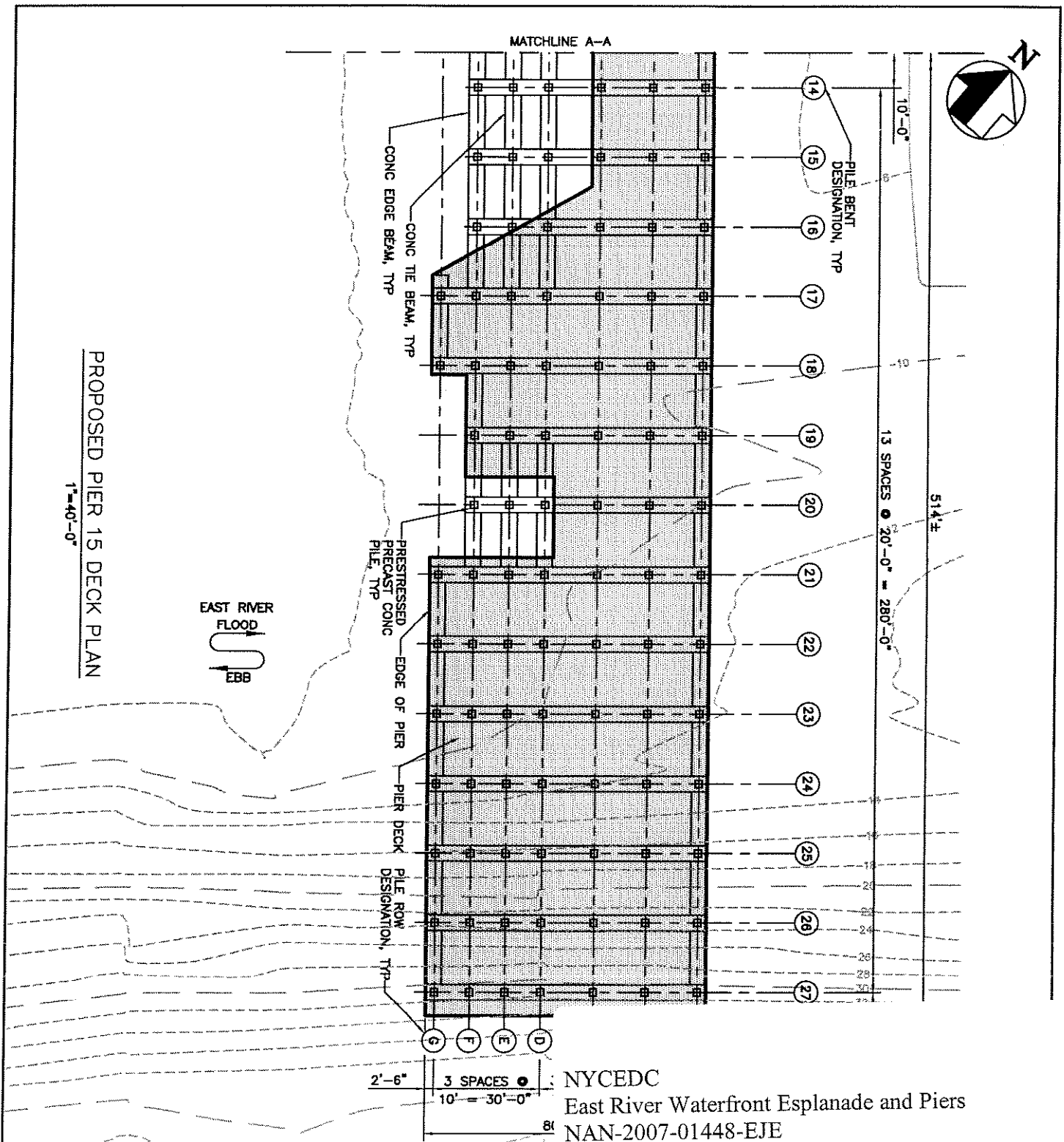
SCALE: 1/32" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 6 OF 26 DATE: 9/14/07



VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: RECONSTRUCTION OF PIER 15

HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

0 40' 80'
SCALE: 1" = 40'

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

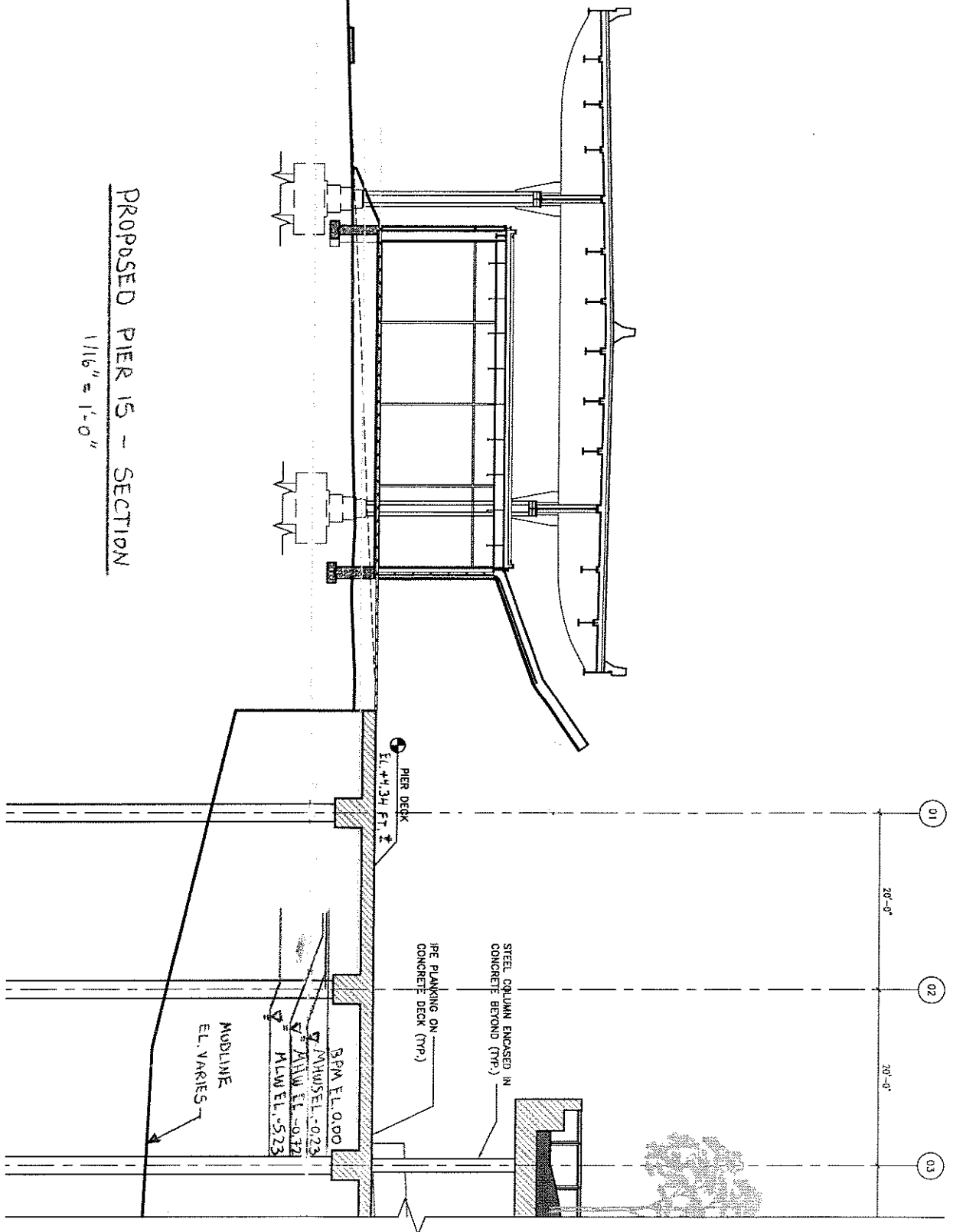
PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 8 OF 26 DATE: 9/14/07

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PROPOSED PIER 15 - SECTION
1/16" = 1'-0"



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE: RECONSTRUCTION OF PIER 15

HDR - DANIEL FRANKFURT
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500 SEVENTH AVE.
NEW YORK, N.Y. 10018

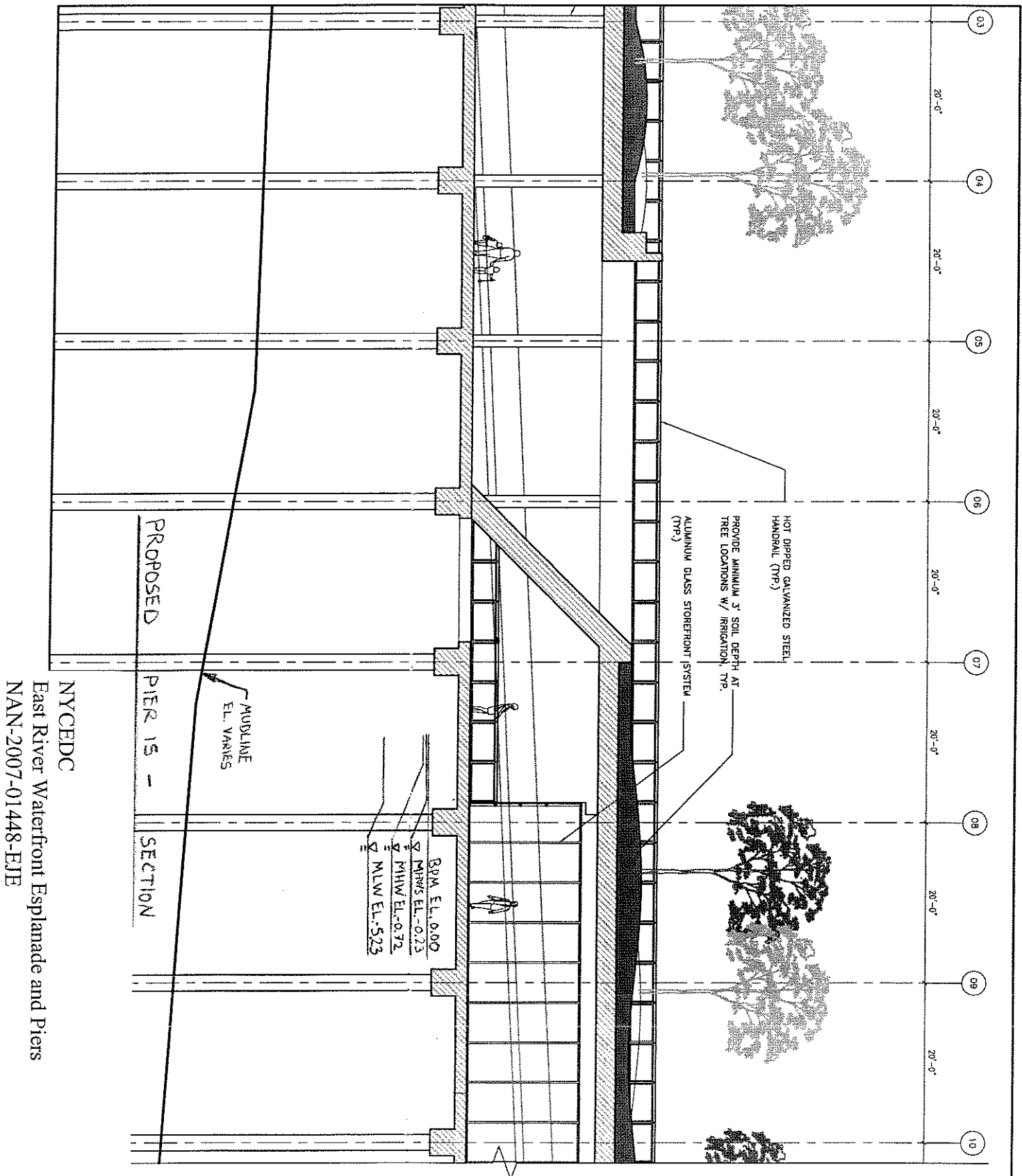
0 16' 32'
SCALE: 1/16" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 9 OF 26 DATE: 9/14/07



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: RECONSTRUCTION OF PIER 15

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NEW YORK, N.Y. 10018

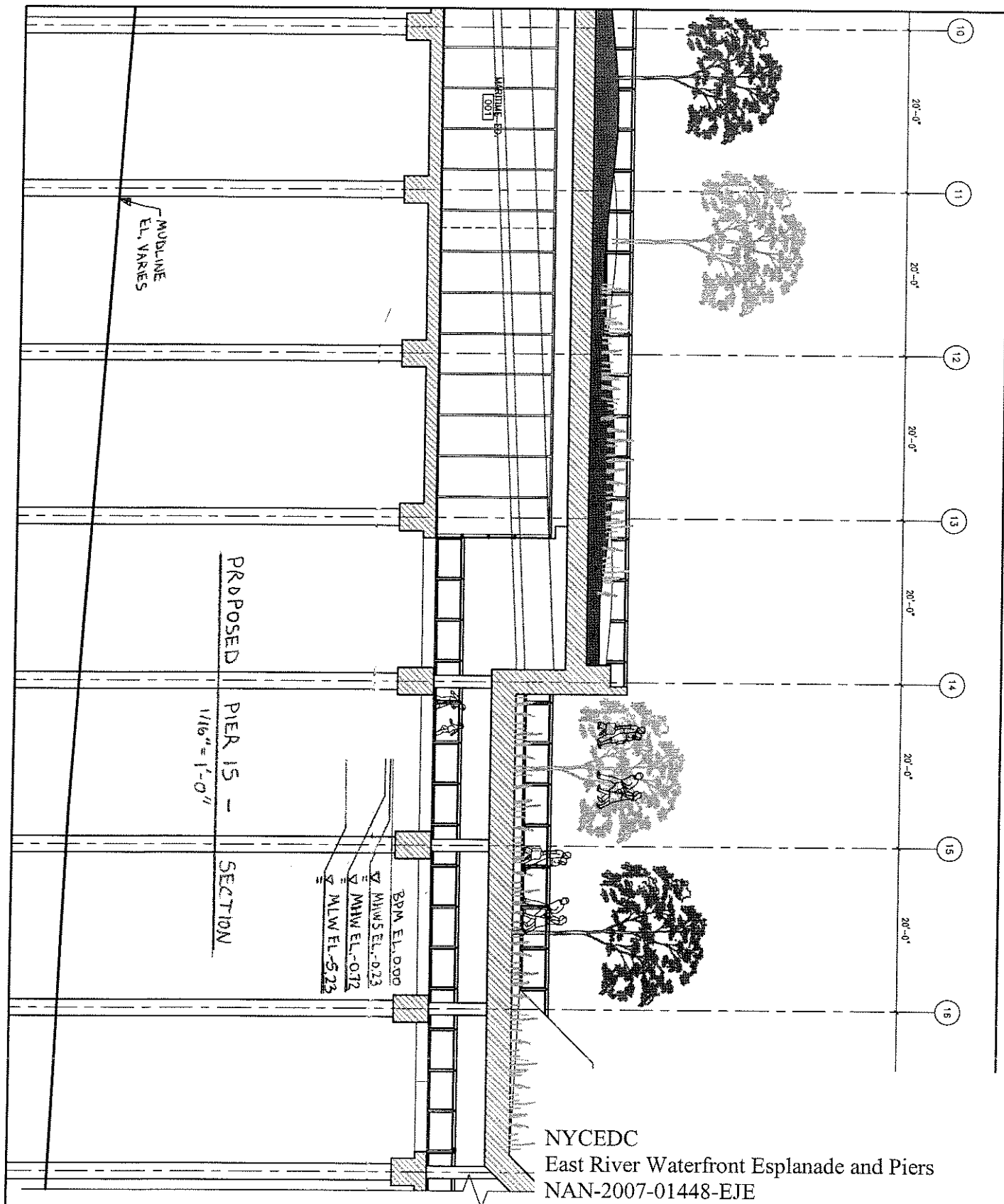
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SCALE: 1/16" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

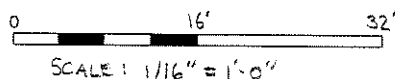
SHEET 10 OF 26 DATE: 9/14/07



VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BP)

PURPOSE: RECONSTRUCTION OF PIER 15

HDR - DANIEL FRANKFURT
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500 SEVENTH AVE.
NEW YORK, N.Y. 10018

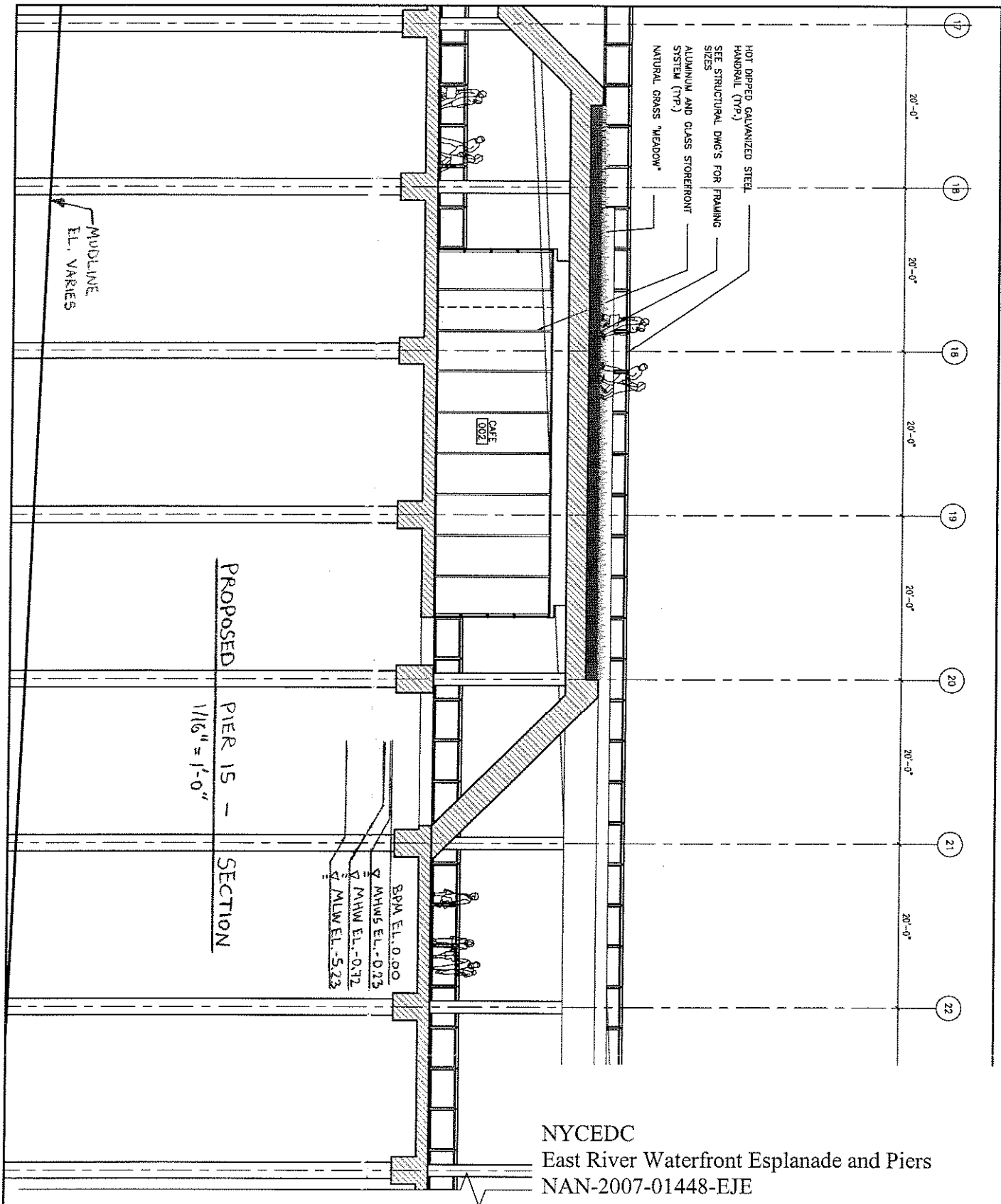


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 11 OF 26 DATE: 9/14/07



VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: RECONSTRUCTION OF PIER 15

HDR - DANIEL FRANKFURT
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500 SEVENTH AVE.
NEW YORK, N.Y. 10018

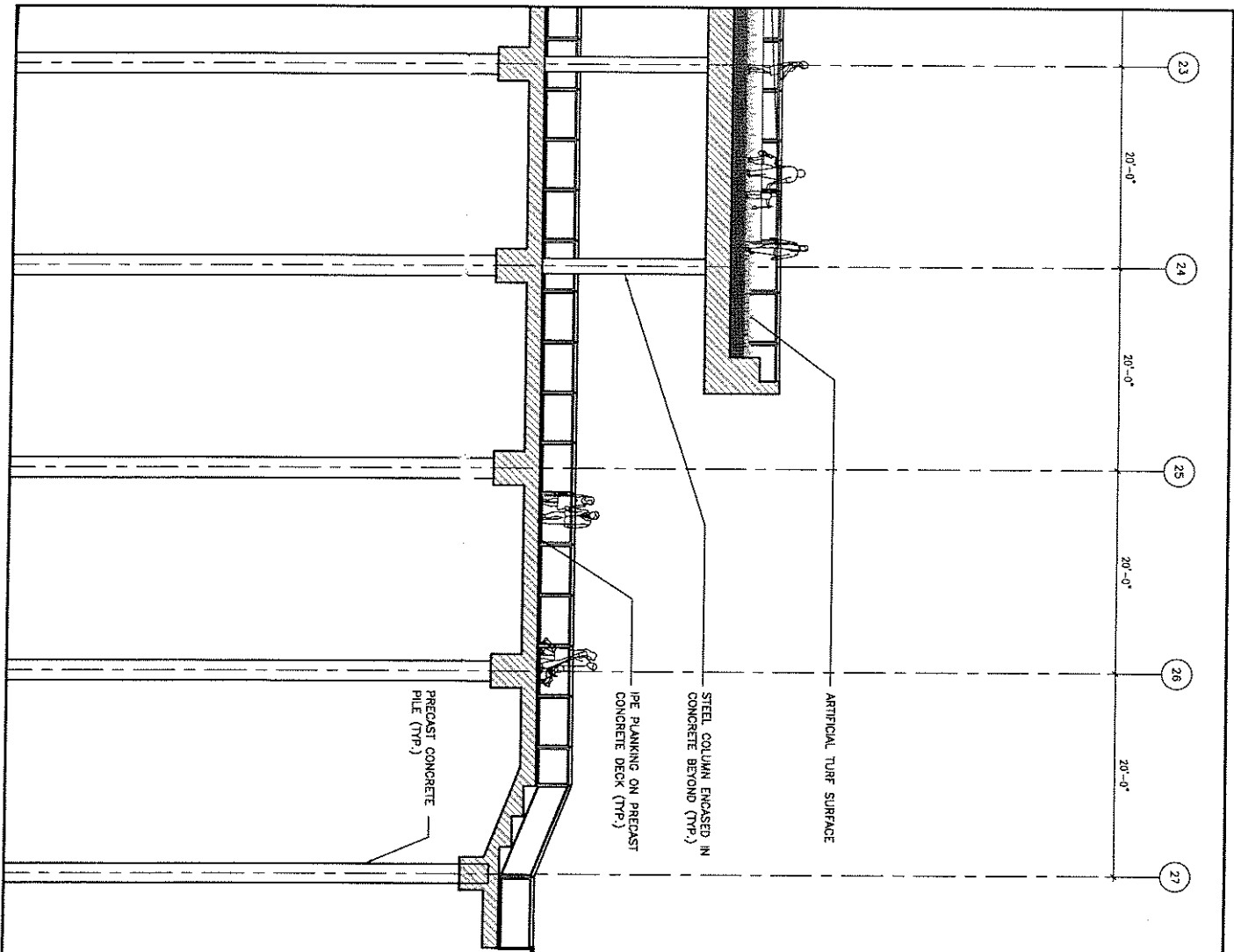
0 16' 32'
SCALE: 1/16" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 12 OF 26 DATE: 9/14/07



PROPOSED PIER 15 - SECTION
1/16" = 1'-0"

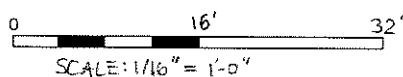
BPM EL. 0.000
Δ MHW EL. -0.23
Δ MHW EL. -0.72
Δ MLW EL. -5.23

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: RECONSTRUCTION OF PIER 15

HDR — DANIEL FRANKFURT
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500 SEVENTH AVE.
NEW YORK, N.Y. 10018

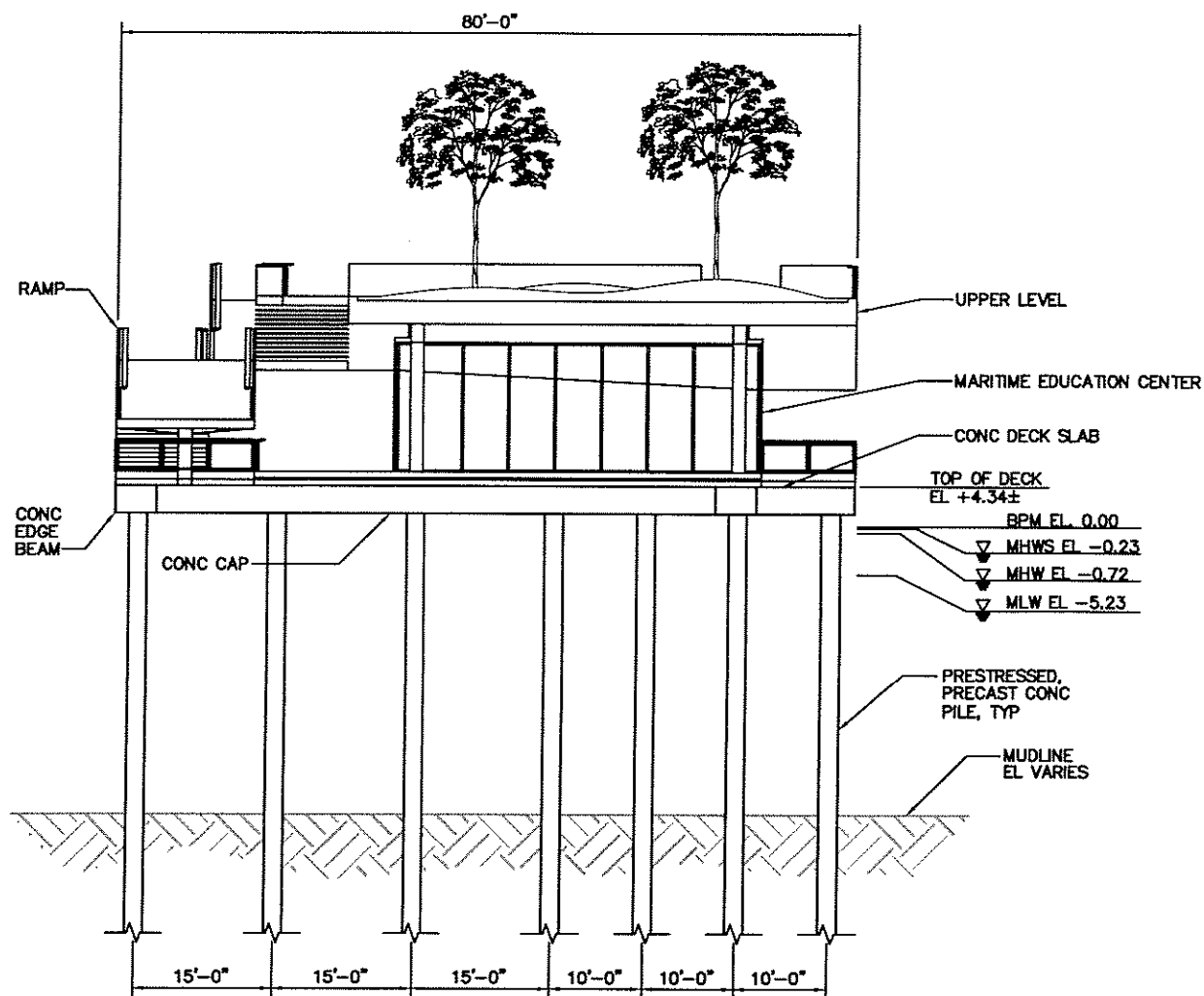


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 13 OF 26 DATE: 9/14/07



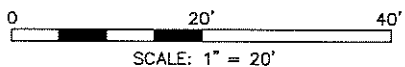
PROPOSED PIER 15 – SECTION A-A
1"=20'-0"

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: RECONSTRUCTION OF PIER 15

HDR – DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
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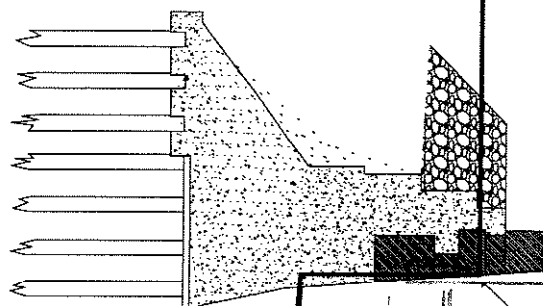
IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 14 OF 26 DATE: 9/14/07

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

GRAVITY RETAINING WALL

PROPOSED PIER 15 - EXISTING GRAVITY WALL
N.T.S.



APPROX RIVER BOTTOM
(EL. VARIES)

MASONRY FACING

BPM EL
MHW EL - 0.45
MHW EL - 0.72
MLW EL - 5.23

LITTORAL

NYCEDC

East River Waterfront Esplanade and Piers

NAN-2007-01448-EJE

PURPOSE:

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



NOT TO SCALE

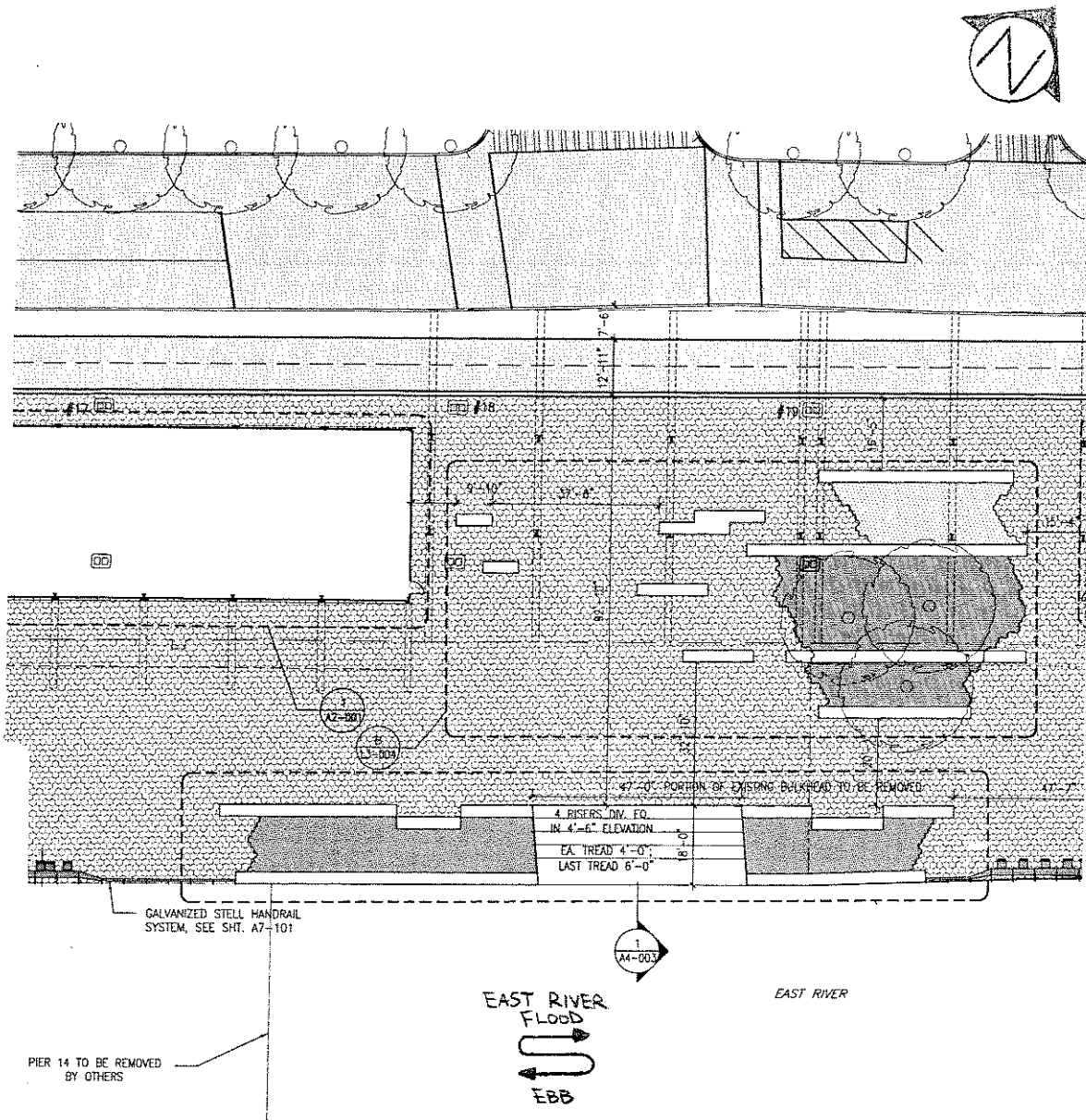
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PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
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IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 4 OF 8 DATE: 9/14/07

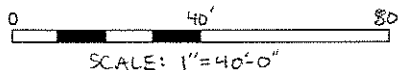
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 East River Waterfront Esplanade and Piers
 NAN-2007-01448-EJE



PROPOSED STEP DOWN AT MAIDEN LANE - PLAN
 1" = 40'-0"

PURPOSE: MAIDEN LANE STEP DOWN

HDR - DANIEL FRANKFURT
 ARUP JOINT VENTURE
 500 SEVENTH AVE.
 NEW YORK, N.Y. 10018

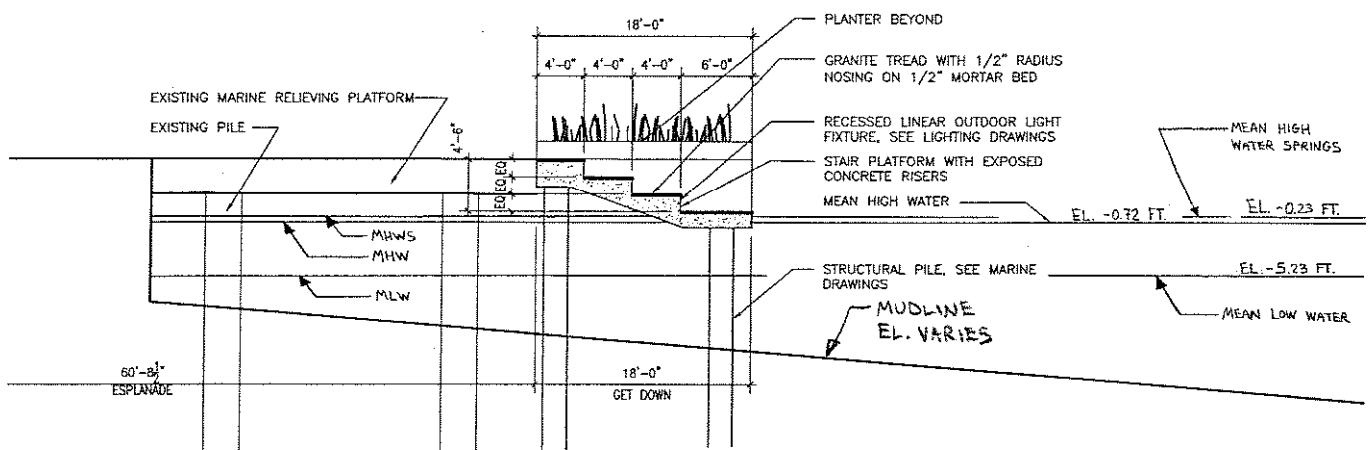


APPLICATION BY:
 NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
 OF EAST RIVER ESPLANADE
 AND PIERS

IN: EAST RIVER
 AT: NEW YORK COUNTY, NEW YORK

SHEET 21 OF 26 DATE: 9/14/07



PROPOSED STEP DOWN AT MAIDEN LANE - SECTION

1/16" = 1'

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: MAIDEN LANE STEP DOWN

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



SCALE: 1/16" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 22 OF 26 DATE: 9/14/07

EAST RIVER

BROOKLYN

BRIDGE

SOUTH STREET

PECK
SLIP

DOVER
ST.

ROBERT F.
WAGNER SR.
PLACE

CATHERINE
SLIP

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE:

EXISTING CONDITIONS KEY PLAN - 3

HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 3 OF 4 DATE: 9/14/07



NO SCALE



EAST RIVER

BROOKLYN

BRIDGE

SOUTH STREET

PECK
SLIP

DOVER
ST.

ROBERT F.
WAGNER SR.
PLACE

CATHERINE
SLIP

STEP DOWN
(PHASE I)

24

23

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE:

PROPOSED DEVELOPMENT KEY PLAN - 3

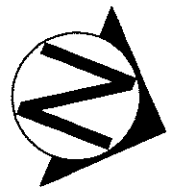
HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

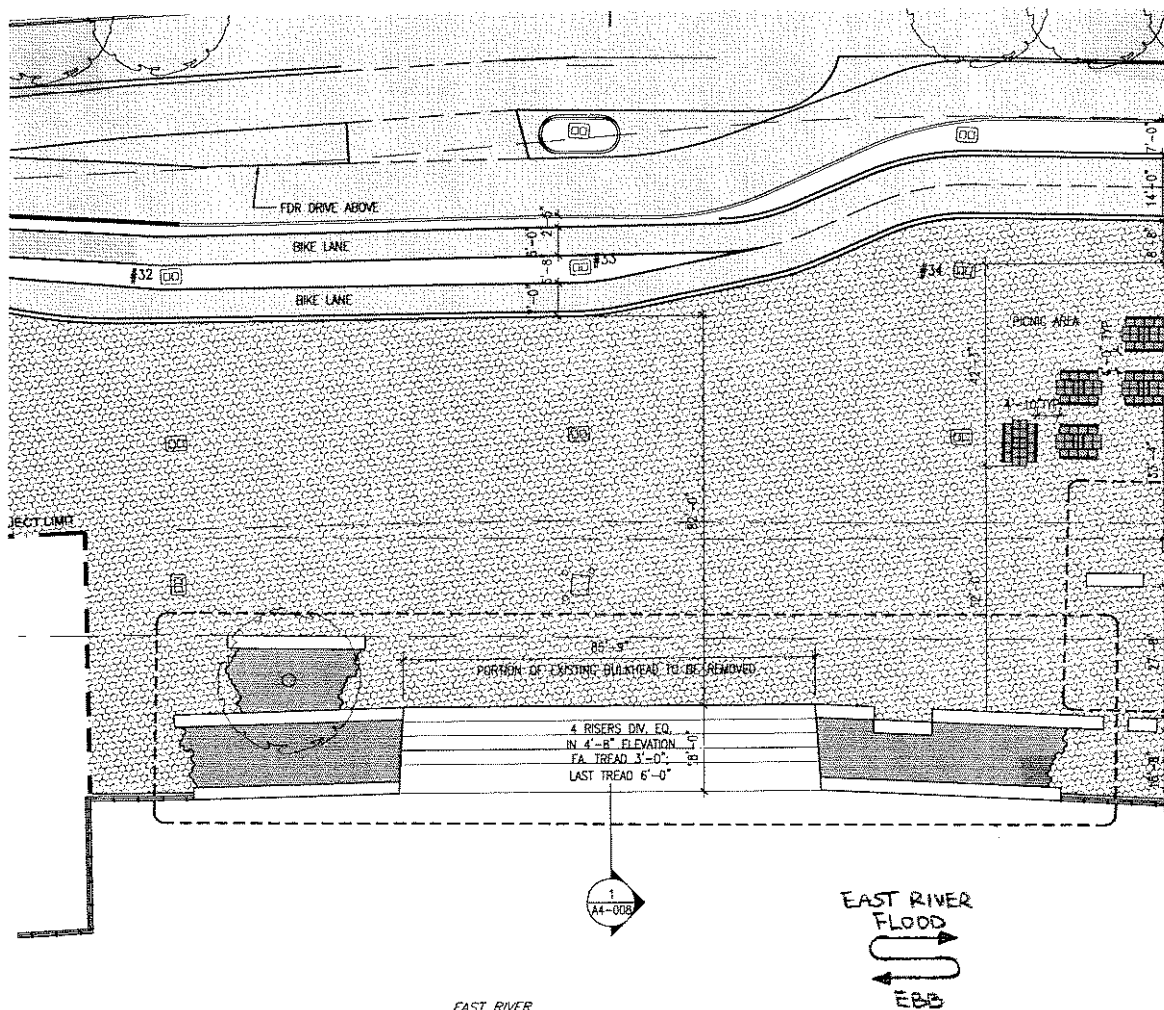
APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 3 OF 4 DATE: 9/14/07

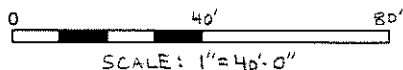




PROPOSED STEP DOWN AT PECK SLIP - PLAN
1"=40'-0"

PURPOSE: PECK SLIP STEP DOWN

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

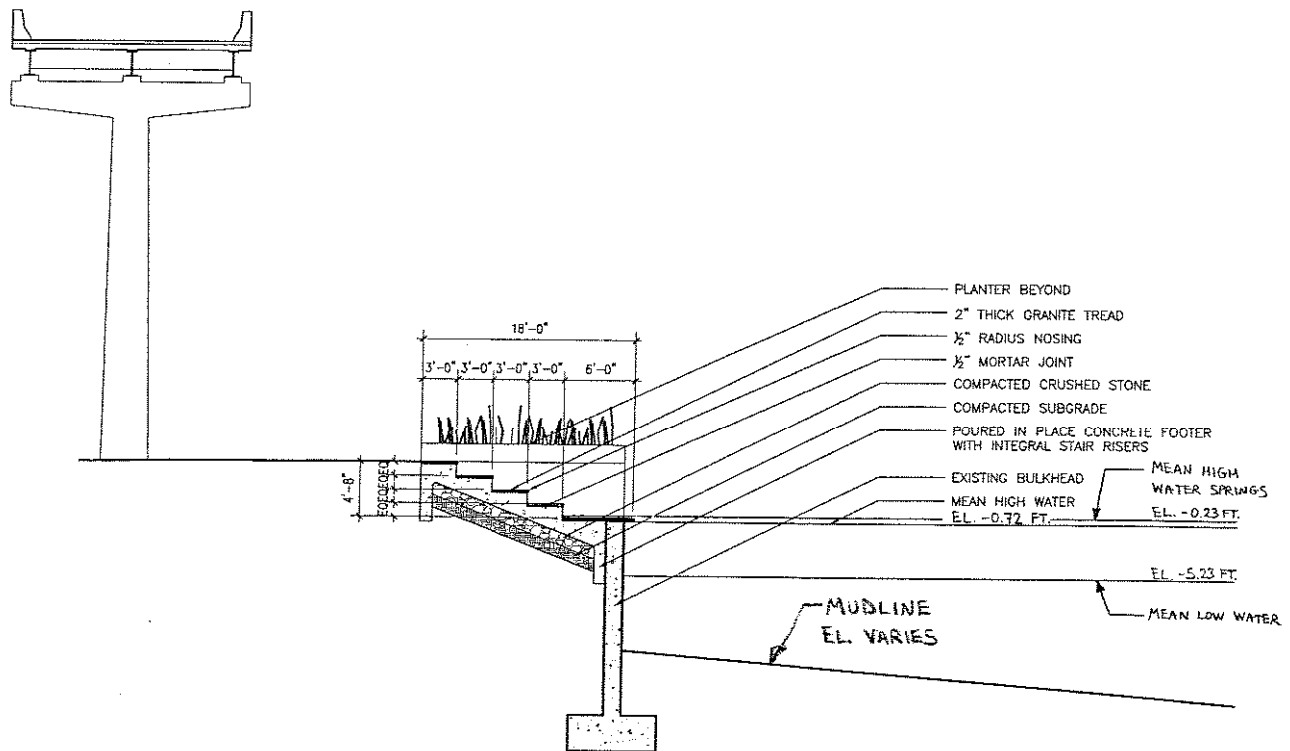
PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 23 OF 26 DATE: 9/14/07

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE



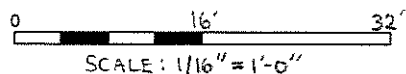
PROPOSED STEP DOWN AT PECK SLIP - SECTION

1/16" = 1'-0"

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: PECK SLIP STEP DOWN

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

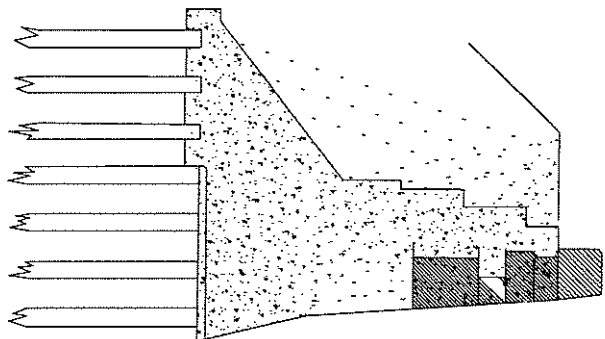


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

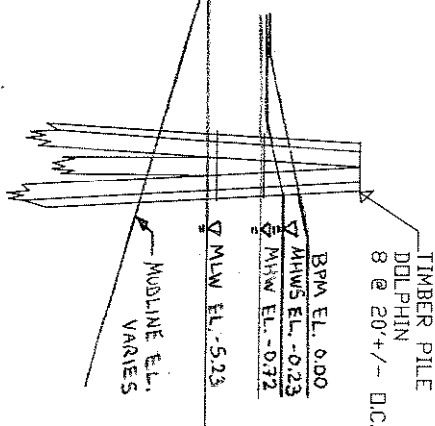
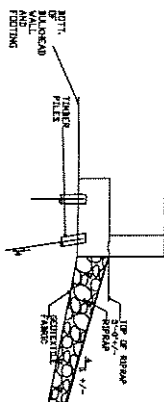
IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 24 OF 26 DATE: 9/14/07



GRAVITY RETAINING WALL

PECK SLIP-STEP DOWN - EXISTING BULKHEAD WALL
N.T.S.



LITTORAL ZONE →

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

NYCEDC

East River Waterfront Esplanade and Piers

NAN-2007-01448-EJE

PURPOSE:

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



NOT TO SCALE

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 5 OF 8 DATE: 9/14/07

EAST
PIERD

MANHATTAN

MARKET
SLIP

BRIDGE

PIKE
SLIP

SOUTH STREET

RUTGERS
SLIP

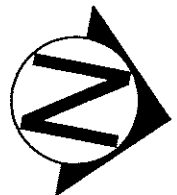
6 OF 8

8 OF 8

7 OF 8



PIER
36



PURPOSE:

EXISTING CONDITIONS KEY PLAN - 4

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 4 OF 4 DATE: 9/14/07



EAST RIVER

MANHATTAN

SOUTH
MARKET
SLIP

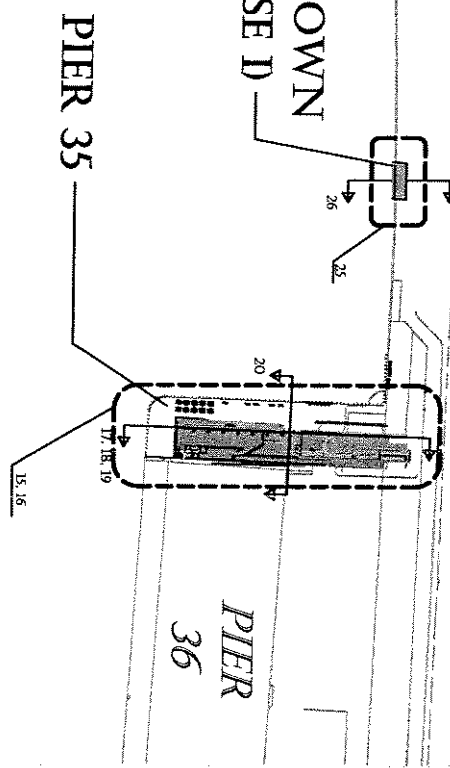
BRIDGE

PIKE
SLIP

STEP DOWN
(PHASE D)

RUTGERS
SLIP

STREET



PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK
SHEET 4 OF 4 DATE: 9/14/07



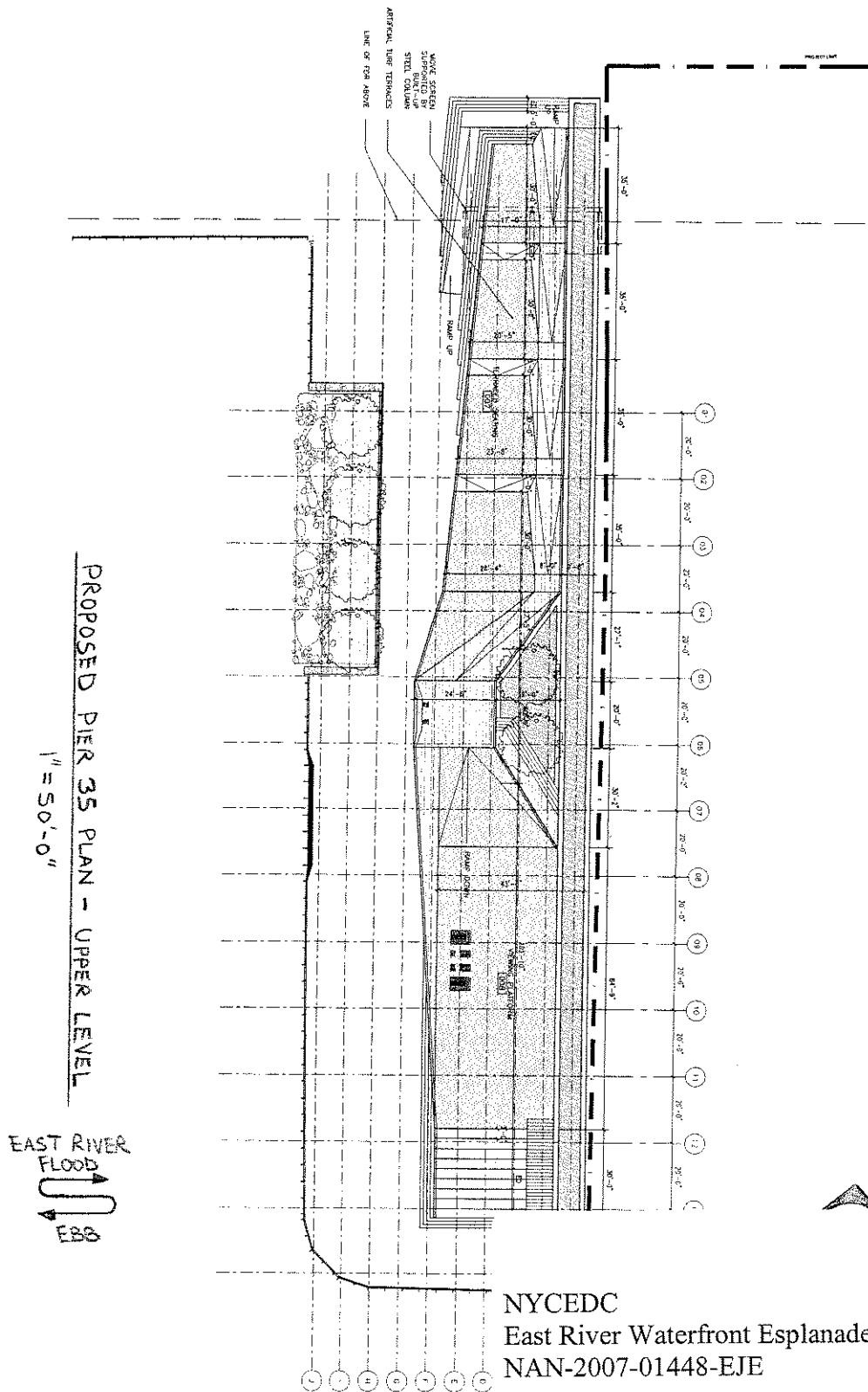
PURPOSE:

PROPOSED DEVELOPMENT KEY PLAN - 4

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

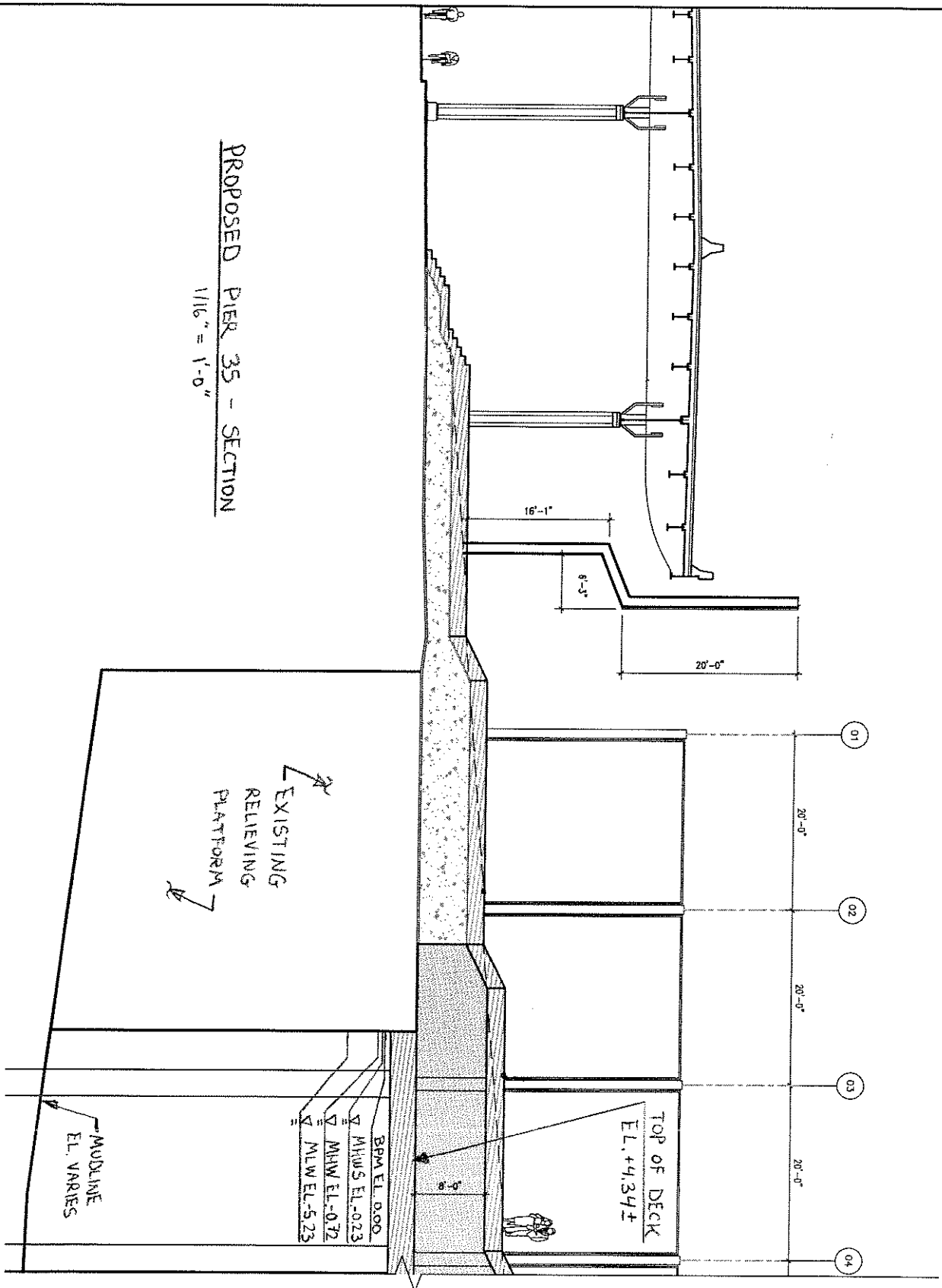
NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE



VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PROPOSED PIER 35 - SECTION

1/16" = 1'-0"



NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE: PIER 35 IMPROVEMENTS

HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

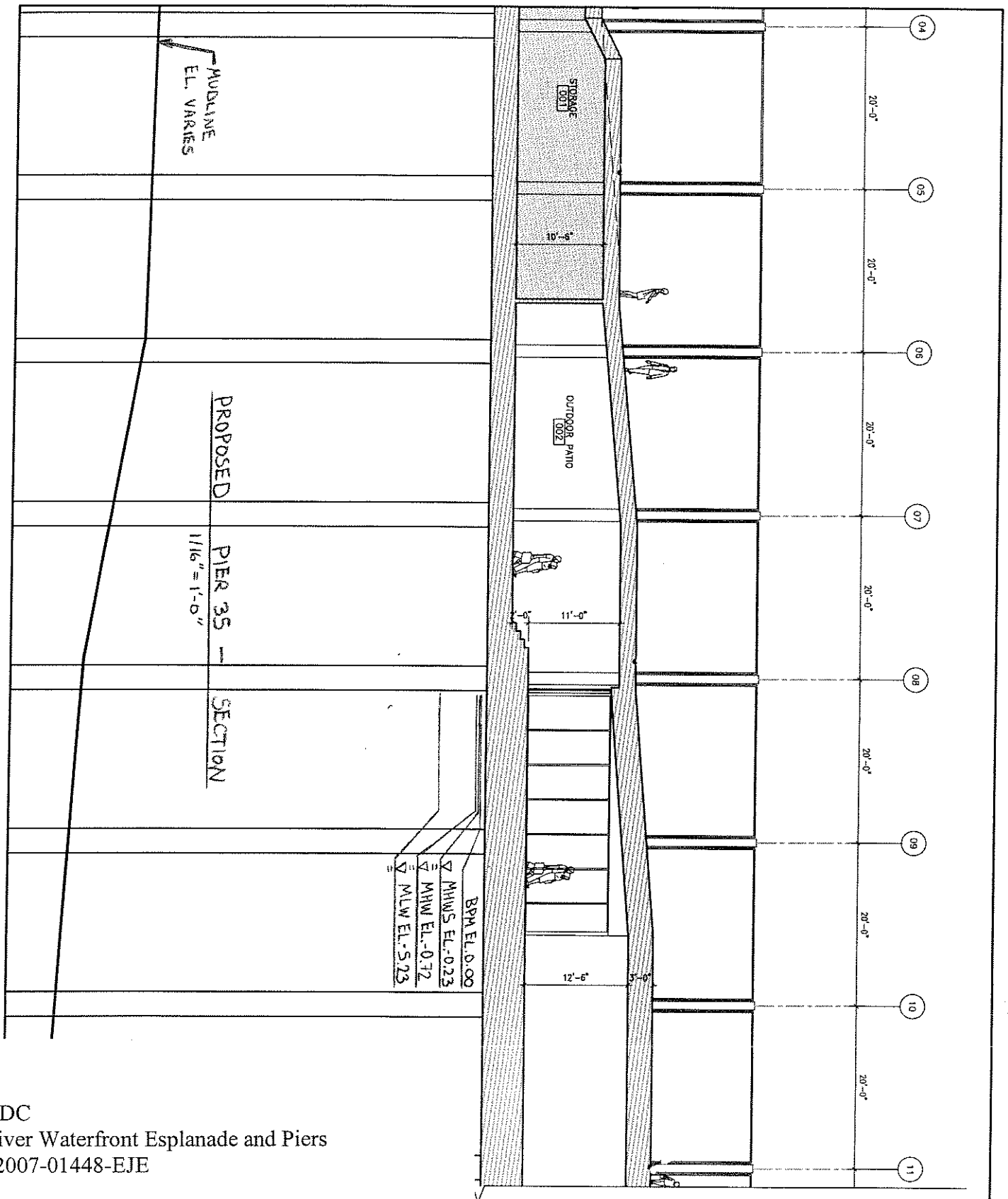
0 16' 32'
SCALE: 1/16" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 17 OF 26 DATE: 9/14/07

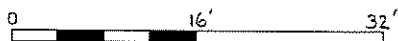


NYCEDC
 East River Waterfront Esplanade and Piers
 NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: PIER 35 IMPROVEMENTS

HDR - DANIEL FRANKFURT
 ARUP JOINT VENTURE
 500 SEVENTH AVE.
 NEW YORK, N.Y. 10018



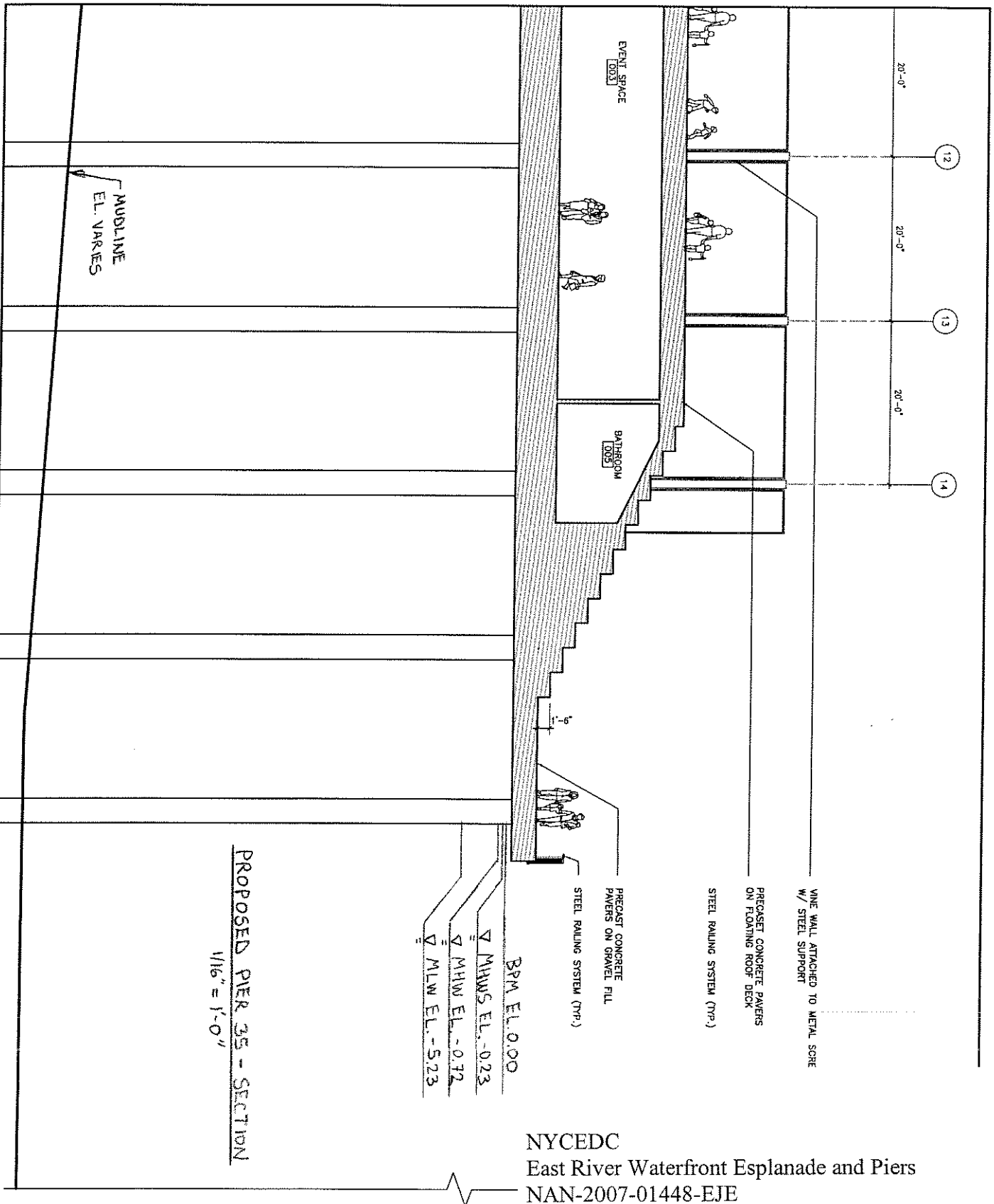
SCALE: 1/16" = 1'-0"

APPLICATION BY:
 NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
 OF EAST RIVER ESPLANADE
 AND PIERS

IN: EAST RIVER
 AT: NEW YORK COUNTY, NEW YORK

SHEET 18 OF 26 DATE: 9/14/07



VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: PIER 35 IMPROVEMENTS

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

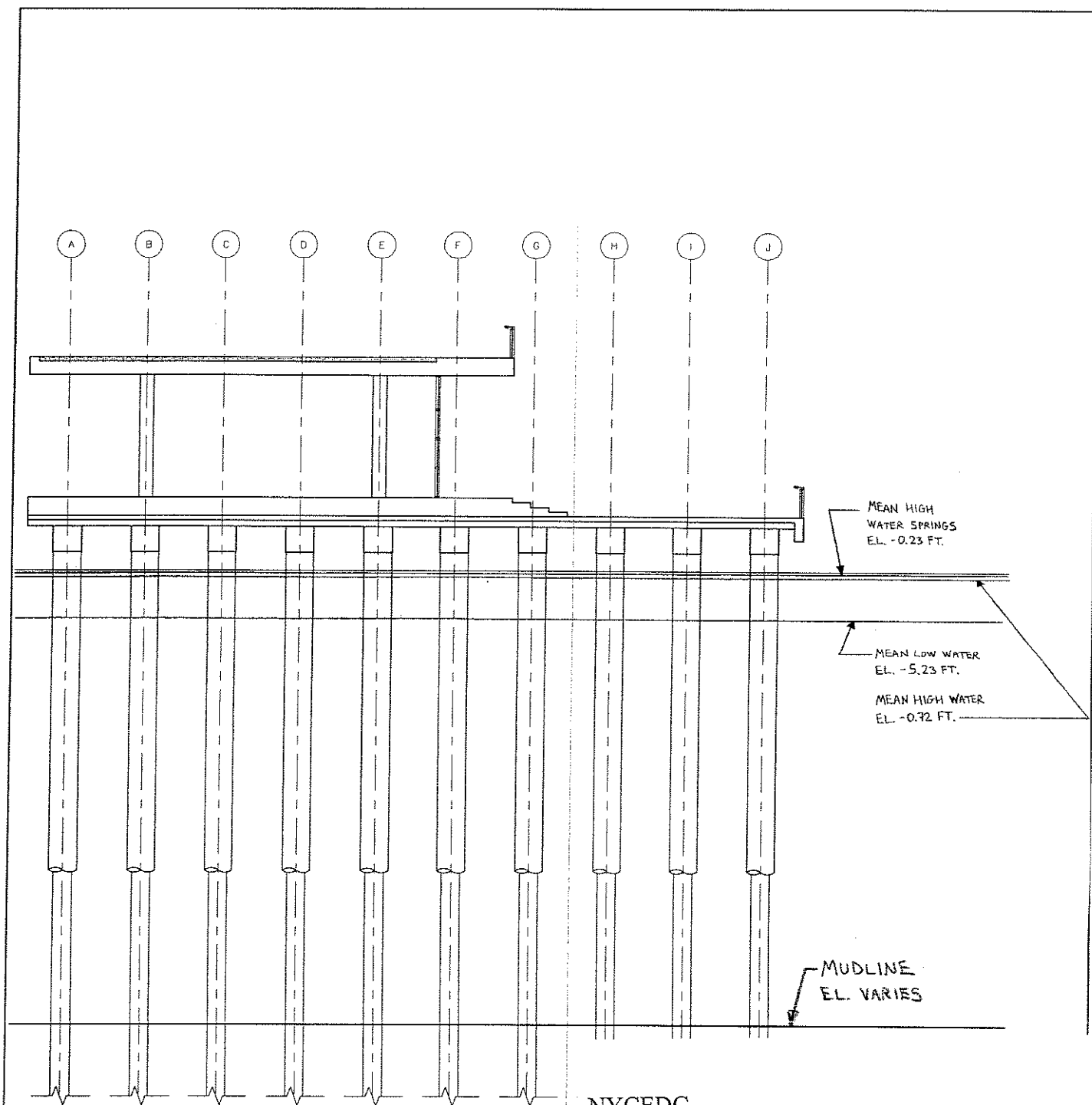
0 16' 32'
SCALE: 1/16" = 1'-0"

APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 19 OF 26 DATE: 9/14/07



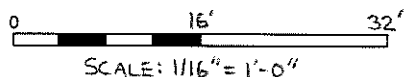
NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PROPOSED PIER
1/16" = 1'-0"

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: PIER 35 IMPROVEMENTS

HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

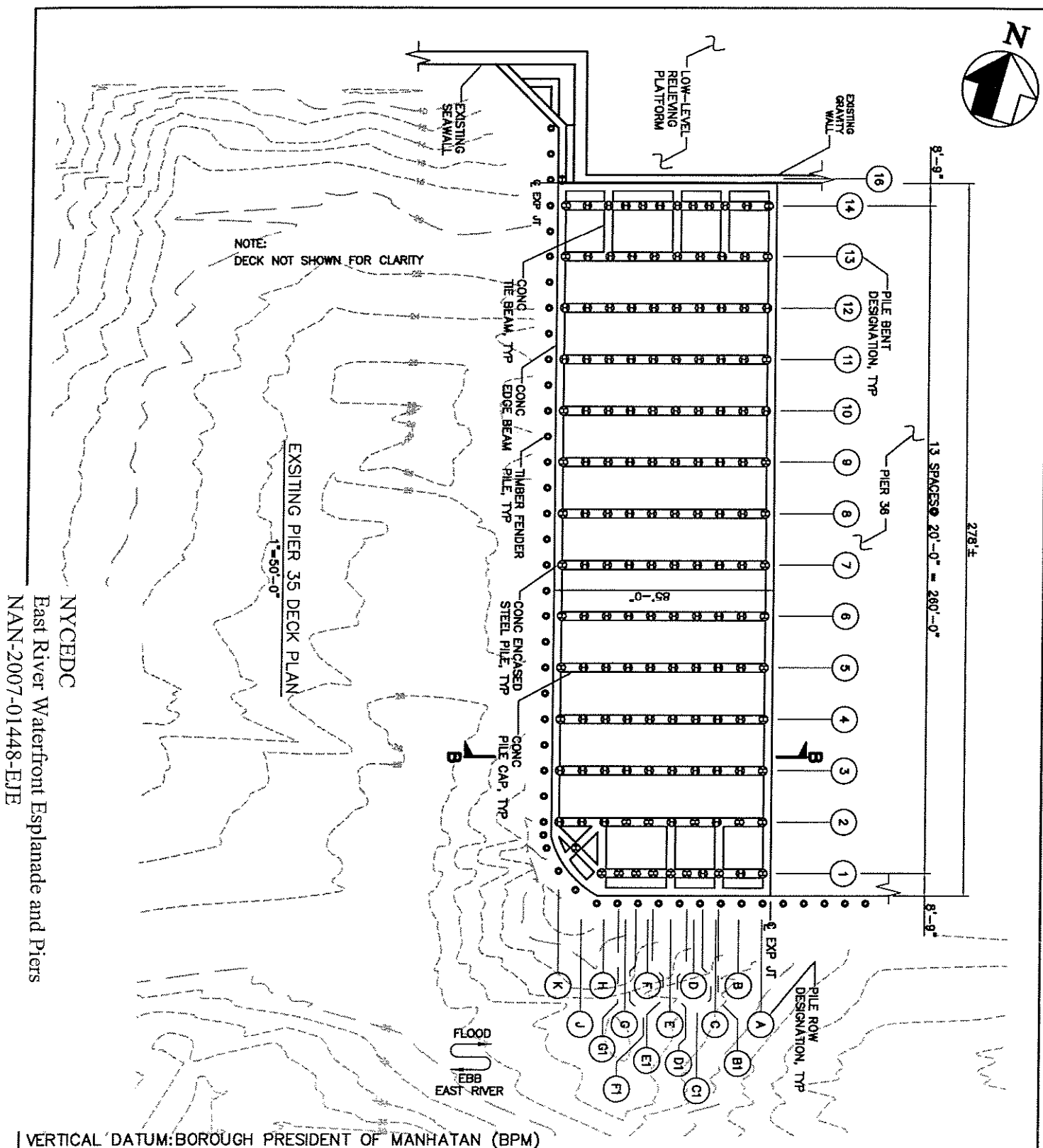


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

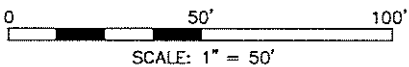
SHEET 20 OF 26 DATE: 9/14/07



VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: PIER 35 UPGRADES

HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

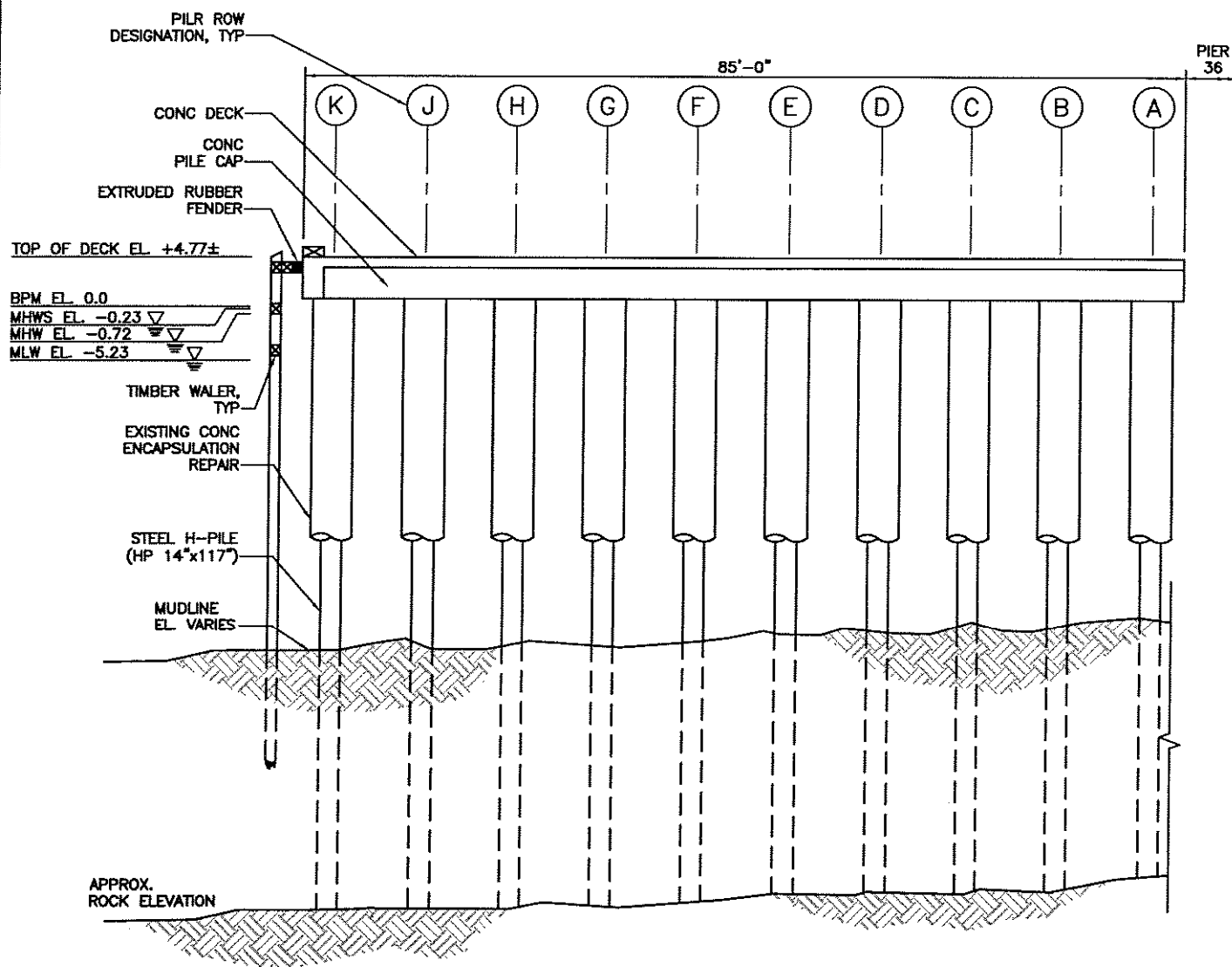


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 7 OF 8 DATE: 9/14/07



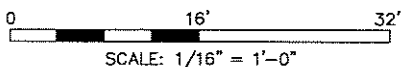
EXISTING PIER 35 - SECTION B-B
1/16" = 1'-0"

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE:

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

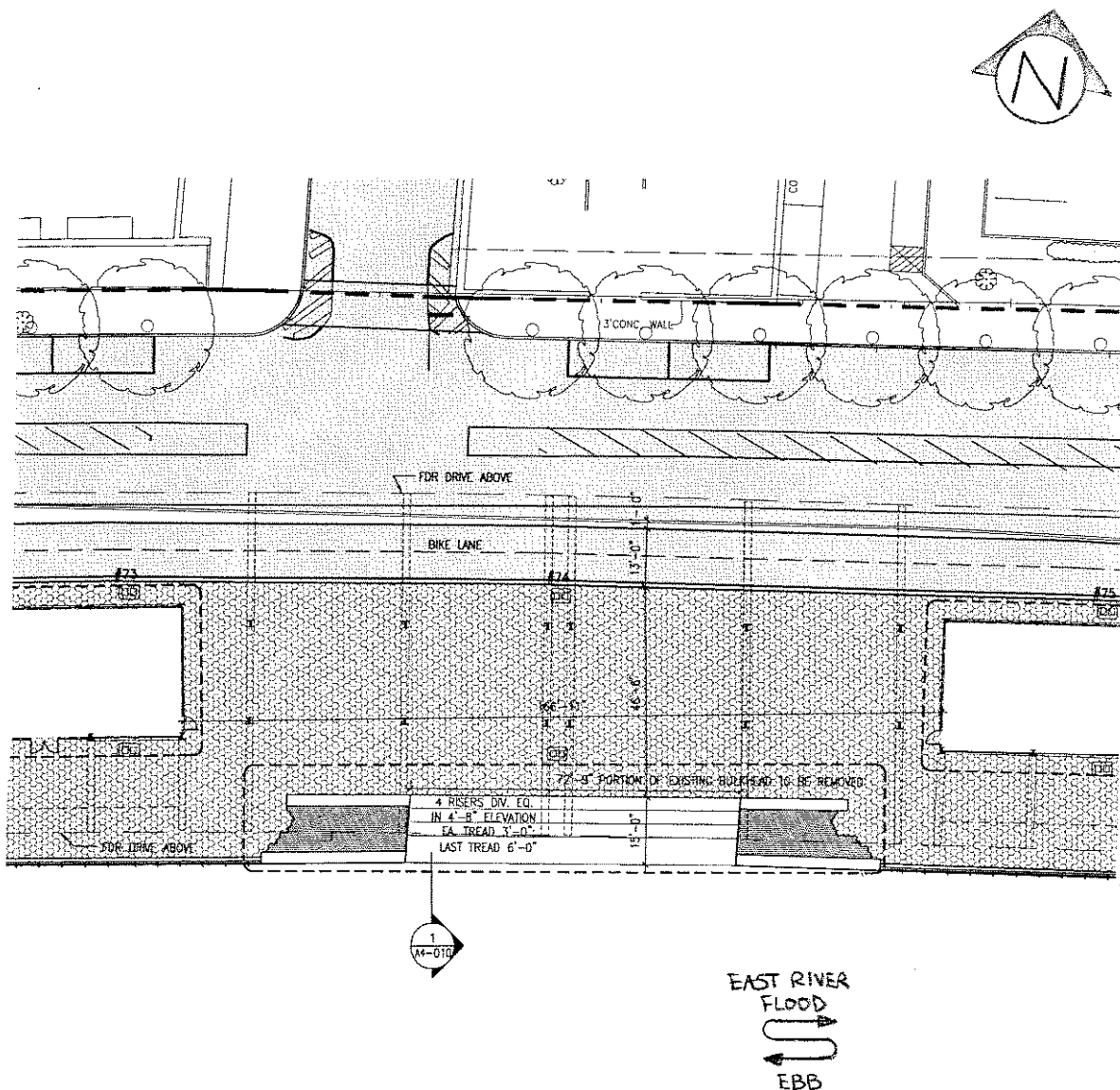


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 8 OF 8 DATE: 9/14/07



PROPOSED STEP DOWN AT RUTGE

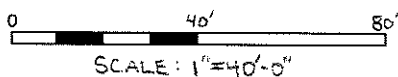
1"=40'-0"

NYCEDC

East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

PURPOSE: RUTGERS SLIP STEP DOWN

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

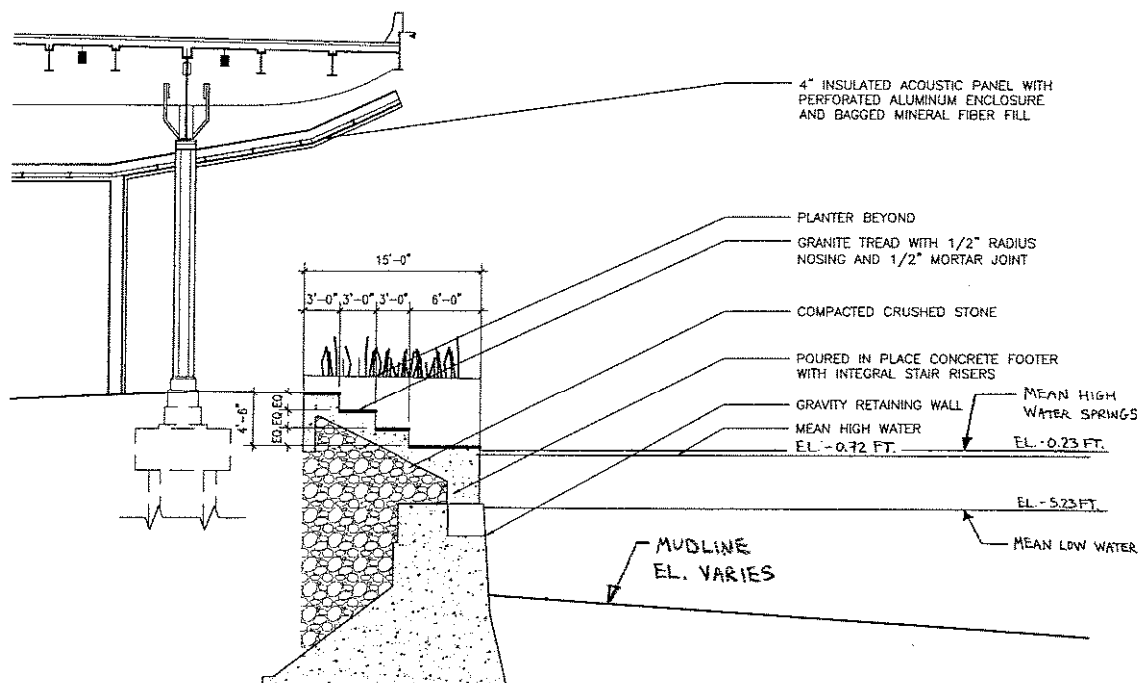


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 25 OF 26 DATE: 9/14/07



PROPOSED STEP DOWN AT RUTGERS SLIP SECTION

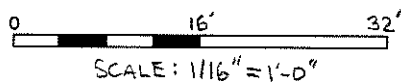
1/16" = 1'

NYCEDC
East River Waterfront Esplanade and Piers
NAN-2007-01448-EJE

VERTICAL DATUM: BOROUGH PRESIDENT OF MANHATTAN (BPM)

PURPOSE: RUTGERS SLIP STEP DOWN

HDR — DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018

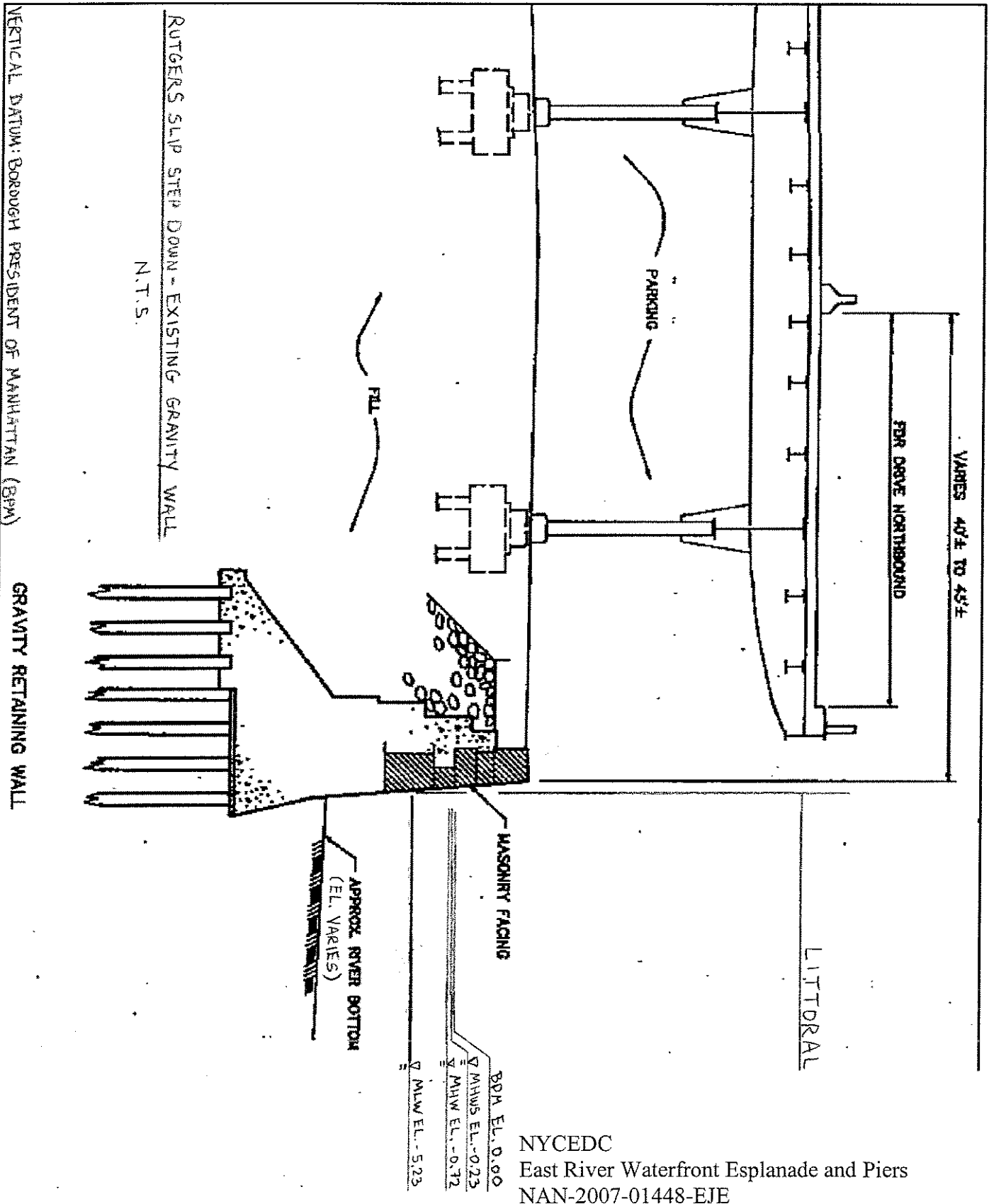


APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

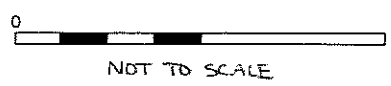
IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 26 OF 26 DATE: 9/14/07



PURPOSE:

HDR - DANIEL FRANKFURT
ARUP JOINT VENTURE
500 SEVENTH AVE.
NEW YORK, N.Y. 10018



APPLICATION BY:
NYC ECONOMIC DEVELOPMENT CORP.

PROPOSED REHABILITATION
OF EAST RIVER ESPLANADE
AND PIERS

IN: EAST RIVER
AT: NEW YORK COUNTY, NEW YORK

SHEET 6 OF 8 DATE: 9/14/07